

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

- (51) Not classified / non classée
- (11) WO 03/041481 (13) A2
- (21) PCT/IL02/00912
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (30) 146521 15 Nov/nov 2001 IL (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • NOVEL OPTICAL METHOD FOR DIAGNOSIS AND STAGING OF PREMALIGNANT AND MALIGNANT HUMAN COLONIC TISSUES
- PROCEDE OPTIQUE DE DIAGNOSTIC ET DE STADIFICATION DE TISSUS PREMALINS ET MALINS DU COLON HUMAIN
- (71) BEN-GURION UNIVERSITY OF THE NEGEV [IL/IL]; Research & Development Authority, P.O. Box 653, 84105 Beer-Sheva (IL). MOR RESEARCH APPLICATIONS LTD. [IL/IL]; Hasivim Street 23, Kiryat Matalon, P.O. Box 7590, 49170 Petach Tikvah (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORDECHAI, Shaul [IL/IL]; Erez Street 21, 84965 Omer (IL). GOLDSTEIN, Jed [IL/IL]; Mishol Dolev Street 2, 84965 Omer (IL). ARGOV, Shmuel [IL/IL]; Rotem Street 43, 84965 Omer (IL). GUTERMAN, Hugo [IL/IL]; Bialik Street 106/8, 84308 Beer-Sheva (IL). RAMESH, Jagannathan [IN/IL]; Golomb Street 33/1, 84429 Beer-Sheva (IL).
- (74) LUZZATTO, Kfir et al. / etc.; Luzzatto & Luzzatto, P.O. Box 5352, 84152 Beersheva (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51) Not classified / non classée
- (11) WO 03/041482 (13) A2
- (21) PCT/US01/47125
- (22) 12 Nov/nov 2001 (12.11.2001)
- (25) en (26) en
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SELF-ADJUSTING SNOW PLOW
- CHASSE-NEIGE AUTO-AJUSTABLE
- (71, 72) SCHMEICHEL, Charles, M. [US/US]; Rural Route 1, Jamestown, ND 58401 (US).
- (74) FREED, Robert, C.; Moore & Hansen, 2900 Wells Fargo Center, 90 South Seventh Street, Minneapolis, MN 55402 (US).
- (81) CA US.
- Declaration / Déclaration :
- (u) for / pour US only / seulement*
-
- (51) Not classified / non classée
- (11) WO 03/041483 (13) A2
- (21) PCT/US02/29565
- (22) 18 Sep/sep 2002 (18.09.2002)
- (25) en (26) en
- (30) 60/323,241 18 Sep/sep 2001 US (18.09.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD TO STUDY AND MECHANISMS OF BIOFILM-RELATED ANTIBIOTIC RESISTANCE
- MECANISMES DE RESISTANCE AUX ANTIBIOTIQUES LIEE AUX FILMS BIOLOGIQUES, ET PROCEDE POUR LES ETUDIER
- (71) DARTMOUTH COLLEGE [US/US]; 11 Rope Ferry Road, #6210, Hanover, NH 03755-1404 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) O'TOOLE, George, A. [US/US]; 5 Fletcher Circle, Hanover, NH 03755 (US). MAH, Thien-Fah [CA/US]; 5 S. Park Street, Apt. 3, Hanover, NH 03755 (US).
- (74) MEIKLEJOHN, Anita, 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51) Not classified / non classée
- (11) WO 03/041484 (13) A2
- (21) PCT/US02/36058
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • APPARATUS AND METHOD FOR REPAIR OF SPINAL CORD INJURY
- APPAREIL ET PROCEDE DE REPARATION D'UNE BLESSURE DE LA MOELLE EPINIÈRE
- (71) DYNAMED SYSTEMS, LLC [US/US]; 11 Park Place, Suite 1801, New York, NY 10007 (US).
- (72) ZANAKIS, Michael, F.; 5190 S.E. Seascapes Way, Bldg. 3-103, Stuart, FL 34997 (US). FEMANO, Philip, A.; 2 Alexander Avenue, Nutley, NJ 07110 (US).
- (74) HESS, Robert et al. / etc.; Gibbons, Del Deo, Dolan, Griffinger & Vecchione, One Riverfront Plaza, Newark, NJ 07102-5497 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01D
- (11) WO 03/041485 (13) A2
- (21) PCT/US02/35835
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 09/986,705 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ASSEMBLY FOR SECURING A WEAR MEMBER
- ENSEMBLE POUR FIXER UN ELEMENT D'USURE
- (71) ESCO CORPORATION [US/US]; 2141 N.W. 25th Avenue, Portland, OR 97210 (US).
- (72) OLLINGER, Charles, G., IV.; 20570 S.W. Anna Court, Aloha, OR 97006 (US). COWGILL, Noah, D.; 7920 North Edison Street, Portland, OR 97203 (US).
- (74) SCHAD, Steven, P.; Banner & Witcoff, Ltd., Eleventh floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).

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

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

(51)⁷ A01D 34/71

(11) WO 03/041486 (13) A1

(21) PCT/EP02/11506

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) 01830710.8 16 Nov/nov 2001 EP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • LAWN-MOWER WITH TIPPING DEVICE FOR THE BIN
• TONDEUSE A GAZON AVEC DISPOSITIF DE BASCULE PERMETTANT DE VIDER L'HERBE DANS UN BAC

(71) CARONI S.P.A. [IT/IT]; Via Castelletto Stura No. 46, I-12100 Cuneo (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CARONI, Andrea [IT/IT]; Via Spinetta No. 113, I-12100 Cuneo (IT).

(74) ROBBA, Pierpaolo et al. / etc.; Interpatent S.R.L., Via Caboto No. 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ A01G

(11) WO 03/041487 (13) A2

(21) PCT/US02/35628

(22) 6 Nov/nov 2002 (06.11.2002)

(25) en (26) en

(30) 10/045,224 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PLANT GROWTH MEDIA AND PROCESSES FOR PRODUCTION THEREOF AND COMPOSITIONS FOR USE THEREIN
• MILIEUX DE CROISSANCE POUR VEGETAUX, PROCEDES DE PRODUCTION ET COMPOSITIONS UTILISEES DANS CES MILIEUX

(71) OMS INVESTMENTS, INC. [US/US]; 100 Wilshire Boulevard, Suite 1230, Santa Monica, CA 90401 (US).

(72) YELANICH, Mark; 7864 Stanburn Road, Columbus, OH 43235 (US). VETANOVETZ, Richard, P.; 16220 Hunters Run, Marysville, OH 43040 (US).

(74) RADEN, James, B. et al. / etc.; Jones, Day, Reavis & Pogue, 77 West Wacker, Chicago, IL 60601-1692 (US).

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

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

(51)⁷ A01G 3/04

(11) WO 03/041488 (13) A1

(21) PCT/FR02/03702

(22) 28 Oct/oct 2002 (28.10.2002)

(25) fr (26) fr

(30) 01/14580 12 Nov/nov 2001 FR (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CUTTER BLADE
• BARRE DE COUPE

(71, 72) ANDELINGER, Georges [FR/FR]; Route de Herrlisheim, F-68127 Niederhergheim (FR).

(74) Cabinet Loyer; 78 avenue Raymond poincaré, F-75116 Paris (FR).

(81) AU HU MK MX RO RU SI US YU ZA.

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

Declaration / Déclaration :

(t) for the following designation / pour la désignation suivante : US

(51)⁷ A01G 31/04

(11) WO 03/041489 (13) A1

(21) PCT/NL01/00830

(22) 15 Nov/nov 2001 (15.11.2001)

(25) nl (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • CULTIVATION SYSTEM FOR CROPS
• SYSTEME DE CULTURE DE PLANTES

(71) LANDERS, Andries, Hendrik [NL/NL]; Watertuin 2, NL-2362 XB Warmond (NL).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) BRANDON, Abraham, Wilhelmus [NL/NL]; Dwarsveld 4, NL-8375 ED Oldemarkt (NL).

(74) JILDERDA, Anne, Ayolt; Octrooibureau LIOC, P.O. Box 13363, NL-3507 LJ Utrecht (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).

(51)⁷ A01H

(11) WO 03/041490 (13) A2

(21) PCT/AU02/01539

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) PR 8827 12 Nov/nov 2001 AU (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • NOVEL ISOAMYLASES AND ASSOCIATED METHODS AND PRODUCTS
• NOUVELLES ISOAMYLASES AINSI QUE PROCEDES ET PRODUITS ASSOCIES

(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION [AU/AU]; Limestone Avenue, Campbell, Australian Capital Territory 2601 (AU). GOODMAN FIELDER LIMITED [AU/AU]; 75 Talavera Road, Macquarie Park, New South Wales 2113 (AU). BIOGEMMA [FR/FR]; 1, rue Edouard-Colonne, F-75001 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAHMAN, Sadequr [AU/AU]; 46 Scarlett Street, Melba, Australian Capital Territory 2615 (AU). KONIK-ROSE, Christine [AU/AU]; 66 Shoalhaven Avenue, Amaroo, Australian Capital Territory 2914 (AU). MORELL, Matthew [AU/AU]; 13 Wolgal Place, Aranda, Australian Capital Territory 2614 (AU). REGINA, Ahmed [IN/AU]; 4 Nangi Place, Ngunnawal, Australian Capital Territory 2913 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A01H 1/00, 4/00, 5/00

(11) WO 03/041491 (13) A2

(21) PCT/CA02/01722

(22) 6 Nov/nov 2002 (06.11.2002)

- (25) en (26) en
- (30) 60/331,278 13 Nov/nov 2001 US
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DOUBLED HAPLOID PRODUCTION AND GENETIC TRANSFORMATION
• PRODUCTION ET TRANSFORMATION GENETIQUE DE DIHAPLOIDES
- (71) AGRICORE UNITED [CA/CA]; Unit 100-101 Route 100, Morden, Manitoba R6M 1Y5 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHEN, Yurong [CA/CA]; Unit 100-101 Route 100, Morden, Manitoba R6M 1Y5 (CA). DRIBNENKI, Joseph, Clifford, Paul [CA/CA]; Unit 100-101 Route 100, Morden, Manitoba R6M 1Y5 (CA).
- (74) ADE & COMPANY; 1700-360 Main Street, Winnipeg, Manitoba R3C 3Z3 (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01H 4/00
- (11) WO 03/041492 (13) A1
- (21) PCT/IN01/00200
- (22) 15 Nov/nov 2001 (15.11.2001)
- (25) en (26) en
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MEDIA COMPOSITIONS FOR FASTER GROWTH OF POLYGONATUM CIRRHIFOLIUM ROYLE
• COMPOSITIONS DE SUPPORT POUR CROISSANCE PLUS RAPIDE DE POLYGONATUM CIRRHIFOLIUM ROYLE
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, 110 001 New Delhi (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) QAZI, Ghulam, Nabi [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). LATTOO, Surrinder, Kumar [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). DHAR, Avtar, Krishan [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). PUROHIT, Paresh [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). RAINA, Ravinder, Kumar [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN).
- (74) GABRIEL, DEVADOSS, CALAB; KUMARAN & SAGAR, 84-C, C6 LANE, (OFF CENTRAL AVENUE), SAINIK FARMS, 110 062 NEW DELHI (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 TN TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
- (51)⁷ A01H 5/00, C12N 15/82, 15/62, C07K 16/00, 16/16
- (11) WO 03/041493 (13) A1
- (21) PCT/EP02/12773
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) de (26) de
- (30) 101 55 862.7 14 Nov/nov 2001 DE
(14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PRODUCTION OF RECOMBINANT ANTIBODIES BY MEANS OF FUSION WITH ELASTIN-LIKE PEPTIDES
• PRODUCTION D'ANTICORPS RECOMBINES PAR FUSION AVEC DES PEPTIDES SIMILAIRES A L'ELASTINE
- (71) IPK - INSTITUT FÜR PFLANZENGENETIK UND KULTURPFLANZEN FORSCHUNG [DE/DE]; Corrensstrasse 3, 06466 Gatersleben (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHELLER, Jürgen [DE/DE]; Blasiusstrasse 7, 06484 Quedlinburg (DE). CONRAD, Udo [DE/DE]; Feldstrasse 10, 06458 Hausneindorf (DE). LEPS, Michael [DE/DE]; Juri Gagarin Strasse 12, 38820 Halberstadt (DE).
- (74) NEUEFEIND, Regina; 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A01K 63/00, 61/00
- (11) WO 03/041494 (13) A1
- (21) PCT/AU02/01469
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) PR 8885 15 Nov/nov 2001 AU
(15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A RACEWAY FOR CULTIVATING AQUATIC ORGANISMS
• BASSIN ALLONGE POUR L'ELEVAGE D'ORGANISMES AQUATIQUES
- (71) TOTAL AQUA MANAGEMENT SYSTEMS PTY LTD [AU/AU]; Suite 1, Level 3, 105 Molesworth Street, Lismore, NSW 2480 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAYLOR, Mark [AU/AU]; Loch Eaton, MS 35, Dalby, QLD 4405 (AU). MCVEIGH, Paul [AU/AU]; Timberline, MS 35, Dalby, QLD 4405 (AU).
- (74) CULLEN & CO; Level 26, 239 George Street, Brisbane, QLD 4001 (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01K 67/027, C12N 15/09, 5/10
- (11) WO 03/041495 (13) A1
- (21) PCT/JP02/11236
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) ja (26) ja
- (30) 2001-350481 15 Nov/nov 2001 JP
(15.11.2001)
- (30) 2002-042321 19 Feb/fév 2002 JP
(19.02.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CHIMERIC NONHUMAN ANIMAL
• ANIMAL CHIMERIQUE
- (71) KIRIN BEER KABUSHIKI KAISHA [JP/JP]; 10-1, Shinkawa 2-chome, Chuo-ku, Tokyo 104-8288 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TOMIZUKA, Kazuma [JP/JP]; c/o Pharmaceutical Research Laboratory, Kirin Beer Kabushiki Kaisha, 3, Miyahara-cho, Takasaki-shi, Gunma 370-1295 (JP). KAKITANI, Makoto [JP/JP]; c/o Pharmaceutical Research Laboratory, Kirin Beer Kabushiki

- Kaisha, 3, Miyahara-cho, Takasaki-shi, Gunma 370-1295 (JP). YONEYA, Takashi [JP/JP]; c/o Pharmaceutical Research Laboratory, Kirin Beer Kabushiki Kaisha, 3, Miyahara-cho, Takasaki-shi, Gunma 370-1295 (JP). ISHIDA, Isao [JP/JP]; c/o Pharmaceutical Division, Kirin Beer Kabushiki Kaisha, 26-1, Jingumae 6-chome, Shibuya-ku, Tokyo 150-8011 (JP).
- (74) HIRAKI, Yusuke et al. / etc.; Toranomon No.5 Mori Building Third Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01K 67/027
(11) WO 03/041496 (13) A1
(21) PCT/JP02/11843
(22) 13 Nov/nov 2002 (13.11.2002)
(25) ja (26) ja
(30) 2001-349288 14 Nov/nov 2001 JP (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • TRANSGENIC ANIMAL
• ANIMAL TRANSGENIQUE
- (71) YAMANOUCI PHARMACEUTICAL CO., LTD. [JP/JP]; 3-11, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103-8411 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MIYAKE, Akira [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). NAKAMURA, Yukihiro [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). NI, Jianwei [CN/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). MOCHIZUKI, Shinobu [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP).
- (74) NAGAI, Shozo et al. / etc.; c/o Yamanouchi Pharmaceutical Co., Ltd., Patent Department, 17-1, Hasune 3-chome, Itabashi-ku, Tokyo 174-8612 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ A01L 1/00, 5/00
(11) WO 03/041497 (13) A1
(21) PCT/SE02/01937
(22) 24 Oct/oct 2002 (24.10.2002)
(25) sv (26) en
(30) 0103566-6 26 Oct/oct 2001 SE (26.10.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • HORSESHOE
• FER A CHEVAL
- (71, 72) PERSSON, Erling [SE/SE]; Åkerhusvägen 7A, S-245 37 Staffanstorps (SE). JOHANSSON, Karl-Erik [SE/SE]; Berteliusvägen 18, S-146 38 Tullinge (SE).
- (74) DR LUDWIG BRANN PATENTBYRÅ AB; Box 1344, Drottninggatan 7, S-751 43 Uppsala (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ A01M 27/00
(11) WO 03/041498 (13) A1
(21) PCT/FR02/03061
(22) 10 Sep/sep 2002 (10.09.2002)
(25) fr (26) fr
(30) 0114680 13 Nov/nov 2001 FR (13.11.2001)
(30) 0116968 26 Dec/déc 2001 FR (26.12.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • MOLE TRAP, WITH EXPLOSIVE
• PIEGE POUR TAUPE, A EXPLOSIF
- (71, 72) BARBIEUX, Serge [FR/FR]; 23, boulevard Gabriel Guist Hau, F-44000 Nantes (FR).
- (74) CABINET GERARD KEIB; 22, rue Gustave Eiffel, Technoparc, F-78306 Poissy 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01N
(11) WO 03/041499 (13) A2
(21) PCT/RU02/00484
(22) 11 Nov/nov 2002 (11.11.2002)
(25) ru (26) ru
(30) 2001130337 12 Nov/nov 2001 RU (12.11.2001)
(30) 2002119628 24 Jul/juil 2002 RU (24.07.2002)
(43) 22 May/mai 2003 (22.05.2003)
(54) • BACTERICIDES BASED ON METAL-CHELATE COMPLEXES AND DISINFECTING COMPOSITION
• COMPOSES BACTERICIDES BASES SUR DES COMPLEXES CHELATEURS - METAUX ET COMPOSITION DESINFECTANTE
- (71) ZAKRYTOE AKTSIONERNOE OBSHESTVO "MEZHOTRASLEVOE JURIDICHESKOE AGENTSTVO "JURPROMKONSALTING" [RU/RU]; Pokrovsky bulvar, 8-2-6, Moscow, 109028 (RU).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) POLYAKOV, Viktor Stanislavovich [RU/RU]; Novogireevskaya ul., 8-2-69, Moscow, 111113 (RU). ERMILOV, Valeriy Vasilievich [RU/RU]; ul. Ljublinskaya, 5-5-116, Moscow, 109518 (RU). KUZMIN, Vladimir Semenovich [RU/RU]; Ryazansky prospekt, 87-2-62, Moscow, 109542 (RU). LUKASHOV, Oleg Ivanovich [RU/RU]; ul. Kosygina. d. 5. kv. 259, Moscow, 117334 (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 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01N 25/00, 25/02, 25/32, A61K 9/00, 9/06, 9/08, 9/10
(11) WO 03/041500 (13) A1
(21) PCT/US02/36616
(22) 14 Nov/nov 2002 (14.11.2002)
(25) en (26) en
(30) 60/332.806 14 Nov/nov 2001 US (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • TOPICAL FORMULATIONS OF NATAMYCIN/PIMARICIN

• FORMULATIONS TOPIQUES DE NATA-MYCINE/PIMARICINE

(63) US 60/332.806 (CON)
14 Nov/nov 2001 (14.11.2001)

(71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM [US/US]; 201 W. 7th St., Austin, TX 78701 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANDERSSON, Borje, S. [US/US]; U.T.M.D. Anderson Cancer Center, 1515 Holcomb Blvd., Box 0423, Houston, TX 77030 (US).

(74) SUBRAMONY, Priya, D.; Fulbright & Jaworski LLP, 600 Congress Avenue, Suite 2400, Austin, TX 78701 (US).

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

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

(51)⁷ A01N 43/40, 47/12

(11) WO 03/041501 (13) A1

(21) PCT/EP02/13490

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 01/14692 14 Nov/nov 2001 FR (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FUNGICIDAL COMPOSITION BASED ON A PYRIDYLMETHYLBENZAMIDE DERIVATIVE AND A VALINAMIDE DERIVATIVE

• COMPOSITION FONGICIDE A BASE D'UN DERIVE PYRIDYLMETHYLBENZAMIDE ET D'UN DERIVE VALINAMIDE

(71) BAYER CROPSCIENCE S.A. [FR/FR]; 55, avenue René Cassin, F-69009 Lyon (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEGMANN, Thomas [DE/FR]; 21, route de Saint-Romain, F-69450 Saint-Cyr-Au-Mont-d'Or (FR). MERCER, Richard [GB/FR]; 14, rue du Domaine, F-69130 Ecully (FR).

(74) BAYER CROPSCIENCE S.A.; Patents & Licensing Department, 14-20, rue Pierre Baizet, B.P. 9163, F-69263 Lyon (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

Declarations / Déclarations :

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

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A01N 43/56, C07D 231/12

(11) WO 03/041502 (13) A1

(21) PCT/US02/30652

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 10/007,867 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PESTICIDAL 1-(2-FLUORETHYL)-4-ARYLPYRAZOLE DERIVATIVES

• DERIVES 1-(2-FLUOROETHYL)-4-ARYLPYRAZOLE PESTICIDES

(71) UNIROYAL CHEMICAL COMPANY INC. [US/US]; 199 Benson Road, Middlebury, CT 06749 (US).

(72) DEKEYSER, Mark, A.; 333 Boxbury Drive, Waterloo, Ontario (CA). MCDONALD, Paul, T.; 43 Mirey Dam Road, Middlebury, CT 06762 (US).

(74) REITENBACH, Daniel; Uniroyal Chemical Company, Inc., 199 Benson Road, Middlebury, CT 06749 (US).

(81) BR JP

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

(51)⁷ A21C 15/00

(11) WO 03/041503 (13) A1

(21) PCT/GB02/05095

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 0127172.5 12 Nov/nov 2001 GB (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD OF AND APPARATUS FOR APPLYING A SPREADABLE COATING TO A FOOD SLICE

• PROCEDE ET APPAREIL POUR APPLIQUER UNE REVETEMENT TARTINABLE A UNE TRANCHE D'ALIMENT

(71) ADVANCED FOOD TECHNOLOGY LTD. [GB/GB]; Wenman Road, Thame, Oxon OX9 3UF (GB).

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

(72, 75) BARTLETT, Peter [GB/GB]; Five Elms, Popes Lane, Cookham Dean, Berkshire SL6 9NY (GB).

(74) BARLOW, Roy, James et al. / etc.; J., A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (US).

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

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

(51)⁷ A22C 13/00

(11) WO 03/041504 (13) A1

(21) PCT/US02/36311

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/333,243 14 Nov/nov 2001 US (14.11.2001)

(30) 60/373,060 16 Apr/avr 2002 US (16.04.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A GEL FOR CREATING A COATING FOR EXTRUDED SAUSAGE COMPRISED OF STARCH AND AN EDIBLE VEGETABLE BASED MATERIAL

• GEL COMPRENANT DE L'AMIDON ET UN MATERIAU COMESTIBLE A BASE DE LEGUME SERVANT A LA CONFECTION D'UNE COUCHE DE REVETEMENT POUR SAUCISSE EXTRUDEE

(71) TOWNSEND ENGINEERING COMPANY [US/US]; 2425 Hubbell Avenue, Des Moines, IA 50317 (US).

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

(72, 75) DAMSTETTER, Robert, W. [US/US]; 2425 Hubbell Avenue, Des Moines, IA 50317 (US).

(74) ZARLEY, Donald, H. et al. / etc.; Zarley Law Firm P.L.C., Capital Square, Suite 200, 400 Locust Street, Des Moines, IA 50309-2350 (US).

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

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

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- (51)⁷ **A23B 7/00**
 (11) **WO 03/041505** (13) A2
 (21) PCT/IT02/00684
 (22) **29 Oct/oct 2002 (29.10.2002)**
 (25) en (26) en
 (30) TO01A001068 **13 Nov/nov 2001 IT (13.11.2001)**
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • PROCESS FOR THE LYOPHILIZATION OF VEGETABLES, AND LYOPHILIZED VEGETABLES OBTAINED THROUGH SUCH PROCESS
 • PROCEDE DE LYOPHILISATION DE LEGUMES, ET LEGUMES LYOPHILISES OBTENUS PAR LEDIT PROCEDE
 (71, 72) **NICOLELLO, Enzo** [IT/IT]; Via Roma, 73, I-13881 Cavaglia (IT).
 (74) **GARAVELLI, Paolo**; A.Bre.Mar. S.r.l., Via Servais, 27, I-10146 Torino (IT).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
 (u) *for / pour US only / seulement*
-
- (51)⁷ **A23C 9/15, 21/06, 11/00**
 (11) **WO 03/041506** (13) A1
 (21) PCT/GB02/05070
 (22) **11 Nov/nov 2002 (11.11.2002)**
 (25) en (26) en
 (30) 0127138.6 **12 Nov/nov 2001 GB (12.11.2001)**
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • BEVERAGE WHITENER FORMULATION
 • PREPARATIONS DE BLANCHIMENT POUR BOISSONS
 (71) **MARS, INCORPORATED** [US/US]; 6885 Elm Street, McLean, VA 22101 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **CHARMAN, Elizabeth** [GB/GB]; 39 Downspark Crescent, Eling, Totton, Southampton SO40 9GR (GB).
 (74) **JAMES, Anthony, Christopher, W., P. 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 SC SD SE SG SI SK SL TJ TM TN TR
- TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A23C 9/154**
 (11) **WO 03/041507** (13) A1
 (21) PCT/US02/35917
 (22) **8 Nov/nov 2002 (08.11.2002)**
 (25) en (26) en
 (30) 10/037,821 **9 Nov/nov 2001 US (09.11.2001)**
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • STABLE HOMOGENEOUS DRINK COMPOSITION INCLUDING PARTICULATE CEREAL PRODUCT
 • COMPOSITION DE BOISSON HOMOGENE ET STABLE, COMPRENANT UN PRODUIT CEREALIER SOUS FORME DE PARTICULES
 (71) **O-AT-KA MILK PRODUCTS COOP., INC.** [US/US]; Cedar & Ellicott Streets, P.O. Box 718, Batavia, NY 14020 (US). **WYNN STAR FLAVORS, INC.** [US/US]; 5 Pearl Court, Allendale, NJ 07401 (US).
 (72) **KURAMOTO, Simpey**; 270 Nottingham Road, Ramsey, NJ 07446 (US). **MCCAMP-BELL, C., A.**; 9294 Fargo Road, Stafford, NY 14143 (US). **BOUDREAU, Deborah**; 411 Park Place #4-D, Fort Lee, NJ 07024 (US).
 (74) **SALAI, Stephen, B. et al.** / etc.; Harter, Secrest & Emery LLP, 1600 Bausch & Lomb Place, Rochester, NY 14604-2711 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (t) *for all designations / pour toutes les désignations*
-
- (51)⁷ **A23G**
 (11) **WO 03/041508** (13) A2
 (21) PCT/US02/36981
 (22) **15 Nov/nov 2002 (15.11.2002)**
 (25) en (26) en
 (30) 60/334,833 **15 Nov/nov 2001 US (15.11.2001)**
 (30) 10/234,053 **3 Sep/sep 2002 US (03.09.2002)**
- (43) 22 May/mai 2003 (22.05.2003)
 (54) • FROZEN CONFECTION DISPENSER AND ASSOCIATED METHODS
 • DISTRIBUTEUR DE CONFISERIE GLACEE ET PROCEDES ASSOCIES
 (71) **ARCHIBALD BROS. FINE BEVERAGES, INC.** [US/US]; 126 North Woodland Blvd., Suite 126, Deland, FL 32720 (US).
 (72) **MILLER, Eric R.**; 126 Interlake Drive, Deland, FL 32724 (US). **BROWN, William**; 7223 Jaffrey Court, Orlando, FL 32835 (US).
 (74) **HARTT, Jacqueline, E. et al.** / etc.; 255 S. Orange Avenue, Suite 1401, P.O. Box 3791, Orlando, FL 32802-3791 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A23G 3/30, A23P 1/04, B01J 13/02, C12N 1/16**
 (11) **WO 03/041509** (13) A1
 (21) PCT/JP02/11940
 (22) **15 Nov/nov 2002 (15.11.2002)**
 (25) ja (26) ja
 (30) 2001-350836 **15 Nov/nov 2001 JP (15.11.2001)**
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • MICROCAPSULES AND ORAL COMPOSITIONS CONTAINING THE SAME
 • MICROCAPSULES ET COMPOSITIONS POUR ADMINISTRATION PAR VOIE ORALE CONTENANT CES MICROCAPSULES
 (71) **SAN-EI GEN F.F.I., INC.** [JP/JP]; 1-1-11, Sanwa-cho, Toyonaka-shi, Osaka 561-0828 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SASAKI, Yasushi** [JP/JP]; c/o SAN-EI GEN F.F.I., INC., 1-1-11, Sanwa-cho, Toyonaka-shi, Osaka 561-8588 (JP). **ORIKOSHI, Hideyuki** [JP/JP]; c/o SAN-EI GEN F.F.I., INC., 1-1-11, Sanwa-cho, Toyonaka-shi, Osaka 561-8588 (JP). **HAYASHI, Hideo** [JP/JP]; c/o SAN-EI GEN F.F.I., INC., 1-1-11, Sanwa-cho, Toyonaka-shi, Osaka 561-8588 (JP). **MAEDA, Yoshiaki** [JP/JP]; c/o SAN-EI GEN F.F.I., INC., 1-1-11, Sanwa-cho, Toyonaka-shi, Osaka 561-8588 (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

- SC SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A23J
- (11) WO 03/041510 (13) A2
- (21) PCT/US02/35697
- (22) 6 Nov/nov 2002 (06.11.2002)
- (25) en (26) en
- (30) 10/008,837 9 Nov/nov 2001 US
(09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SOY PROTEIN PRODUCTS & METH-
ODS FOR PRODUCING SOY PROTEIN
• PRODUITS AUX PROTEINES DE SOJA
ET PROCEDES DE PRODUCTION DE
PROTEINES DE SOJA
- (71, 72) PREVOST, John, E. [US/US]; 1200
Highway 19, P.O. Box 520, Slaughter, LA
70777 (US).
- (74) KIESEL, William, David et al. / etc.; 2355
Drusilla Lane, Baton Rouge, LA 70809 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A23K 1/18, 1/16
- (11) WO 03/041511 (13) A1
- (21) PCT/ES02/00290
- (22) 12 Jun/juin 2002 (12.06.2002)
- (25) es (26) es
- (30) P 0102511 14 Nov/nov 2001 ES
(14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ANIMAL FEED FORMULATION
WHICH IS USED TO CONTROL THE
FATTY ACID PROFILE IN PIG MEAT
• FORMULATION D'UN ALIMENT
POUR ANIMAUX PERMETTANT DE
CONTROLLER LE PROFIL D'ACIDES
GRAS DE LA VIANDE PORCINE
- (71) CONSEJO SUPERIOR DE INVESTIGA-
CIONES CIENTIFICAS (CSIC) [ES/ES];
c/o Serrano, 113, E-28006 Madrid (ES).
(for all designated States except / pour tous
les États désignés sauf US)
- (71, 72) VAQUERO HERNANDEZ, Alberto
[ES/ES]; c/o San Emilio, 4, E-28017 Madrid
(ES).
- (72, 75) TOLDRÁ VILARDELL, Fidel
[ES/ES]; c/o Serrano, 113, E-28006 Madrid
- (ES). NAVARRO FABRA, José Luis
[ES/ES]; c/ Serrano, 113, E-28006 Madrid
(ES).
- (74) GONZALEZ VALDES, Carlos; c/o Covar-
rubias, 9 2^a Dcha, E-28010 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 PL PT RO RU SD
SE SG SI SK SL TJ TM TN 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 A23K 1/18, 1/00, 1/16, 1/17, A23L 1/164,
1/03
- (11) WO 03/041512 (13) A1
- (21) PCT/GB02/05053
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 0127152.7 12 Nov/nov 2001 GB
(12.11.2001)
- (30) 0127528.8 16 Nov/nov 2001 GB
(16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • FOODSTUFF
• DENREE ALIMENTAIRE
- (71) MARS, INCORPORATED [US/US]; 6885
Elm Street, McLean, VA 22101 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) GIFFARD, Catriona, Julie [GB/AU];
Masterfoods Australia New Zealand,
Kelly Street, Wodonga, VIC 3690 (AU).
KENDALL, Peter [GB/AU]; Master-
foods Australia New Zealand, Kelly Street,
Wodonga, VIC 3690 (AU).
- (74) CORNISH, Kristina, Victoria, Joy 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 TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
- (51)⁷ A23L
- (11) WO 03/041513 (13) A2
- (21) PCT/US02/35123
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 60/336,252 2 Nov/nov 2001 US
(02.11.2001)
- (30) 10/160,674 31 Jul/juil 2002 US
(31.07.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND APPARATUS FOR PRO-
DUCING AND DISPENSING AN AER-
ATED AND/OR BLENDED FOOD
• PROCEDE ET APPAREIL DE PRODUC-
TION ET DE DISTRIBUTION D'ALI-
MENTS AERES ET/OU MELANGES
- (71) MOOBELLA LLC [US/US]; 250 Belmont
Street (Rear), Brockton, MA 02301 (US).
- (72) KATEMAN, Paul; 3 Woodfield Road,
Wellesley, MA 02482 (US). BRUNNER,
Charles, S.; 3 Valley Road, N. Reading,
MA 01864 (US). ELDEN, Robert; 25
Irving Terrace, Apt. 3, Cambridge, MA
02138 (US). FOCHT, Kenneth, A.; 39
Powers Street, Needham, MA 02492 (US).
ZIRPS, Christopher; 19 Briar Hill Road,
Sharon, MA 02067 (US). SILVER, Jason;
41 Churchill Avenue, Arlington, MA 02476
(US). HAO, Sherry; 48 Highland Avenue,
#5, Somerville, MA 02143 (US). VARONE,
Anthony S.; 74 Tanager Road, Seekonk, MA
02771 (US). KINSLEY, Joshua; 179 Brattle
Street, Arlington, MA 02474 (US).
- (74) MCKENNA, John, F.; Cesari and McKenna,
LLP, 88 Black Falcon Avenue, 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 TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A23L 1/22
- (11) WO 03/041514 (13) A1
- (21) PCT/US02/36200
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 09/993,048 13 Nov/nov 2001 US
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • TREATMENT OF VEGETABLE OILS
OR ANIMAL FATS WITH SULFUR OR
NITROGEN DONOR COMPOUNDS
FOR ANIMAL FOOD FLAVORINGS
• TRAITEMENT D'HUILES VEGE-
TALES OU DE GRAISSES ANIMALES
AVEC DES COMPOSES DONNEURS
DE SOUFRE OU D'AZOTE POUR DES
AROMATISANTS D'ALIMENTS POUR
ANIMAUX
- (71) APPLIED FOOD BIOTECHNOLOGY,
INC. [US/US]; 923 Lone Star Drive, O'Fal-
lon, MO 63366 (US).
- (72) NELLES, Lynn, P.; 937 Lone Star Drive,
O'Fallon, MO 63366 (US). SUCAN, Math-
ias; 912 Sturnbridge Court, Schaumburg, IL

- 60173 (US). TRIVEDI, Nayankumar, B.; 937 Lone Star Drive, O'Fallon, MO 63366 (US).
- (74) BEULICK, John, S. et al. / etc.; Armstrong Teasdale LLP, Suite 2600, One Metropolitan Square, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A23L 1/36, 1/20, 1/201, 1/01, 1/211, 1/10, 1/182, A23B 9/02, 9/04
- (11) WO 03/041515 (13) A1
- (21) PCT/IB02/04709
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 2001/3837 12 Nov/nov 2001 ZA (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCESS FOR RENDERING NUTRITIONAL AND INDUSTRIAL PROPERTIES IN SEEDS EASILY ASSIMILABLE
- TRAITEMENT POUR RENDRE FACILEMENT ASSIMILABLES PAR LES SEMENCES DES PROPRIETES TROPHIQUES ET INDUSTRIELLES
- (71, 72) BERCHTOLD, Peter, Francis [ZA/ZA]; 25 Blackwood Street, Bryanston Ext.3, Randburg, Transvaal Province (ZA). WEIDEMAN, Andries, Wilhelm, Johannes [ZA/ZA]; 1 Janmar Gardens, Croydon, Transvaal Province (ZA).
- (74) JOHN & KERNICK; P.O. Box 3511, Halfway House, 1685 Midrand (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A23L 3/00, 3/3562
- (11) WO 03/041516 (13) A1
- (21) PCT/JP02/11244
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) ja (26) ja
- (30) 2001/351078 16 Nov/nov 2001 JP (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ANTIBACTERIAL PACKAGING MATERIALS
- MATIERES D'EMBALLAGE ANTI-BACTERIENNES
- (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) KURAUCHI, Masahiko [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP). FURUTA, Kiyonori [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP). SATO, Hiroyuki [JP/JP]; c/o AJINOMOTO CO., INC., 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) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- (51)⁷ A23L 3/3463
- (11) WO 03/041517 (13) A1
- (21) PCT/JP02/11895
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (30) 2001-349800 15 Nov/nov 2001 JP (15.11.2001)
- (30) 2001-349799 15 Nov/nov 2001 JP (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DETERIORATION PREVENTIVE AGENT
- AGENT ANTI-DEGRADATION
- (71) TAKASAGO INTERNATIONAL CORPORATION [JP/JP]; 5-37-1, Kamata, Ohta-ku., Tokyo 144-8721 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIRAMOTO, Tadahiro [JP/JP]; c/o TAKASAGO INTERNATIONAL CORPORATION, Central Research Laboratory., 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa 254-0073 (JP). ARAI, Haruo [JP/JP]; c/o TAKASAGO INTERNATIONAL CORPORATION, Central Research Laboratory., 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa, 254-0073 (JP). OTSUKA, Masashi [JP/JP]; c/o TAKASAGO INTERNATIONAL CORPORATION, Central Research Laboratory., 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa, 254-0073 (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) BR CN KR MX US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- (51)⁷ A23N 15/00
- (11) WO 03/041518 (13) A1
- (21) PCT/FR01/03088
- (22) 8 Oct/oct 2001 (08.10.2001)
- (25) fr (26) fr
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND INSTALLATION FOR PRODUCING ARTICHOKE BOTTOMS
- PROCEDE ET INSTALLATION DE PRODUCTION DE FONDS D'ARTICHAUTS
- (71, 72) LECCELLIER, Benoît [FR/FR]; 9, route Nationale, F-29670 Penze-Taule (FR).
- (72, 75) RAZIL, François [FR/FR]; Lesgall, F-29260 Ploudaniel (FR).
- (74) LE FAOU, Daniel; Cabinet Regimbeau, Espace Performance, Bâtiment K, F-35769 Saint-Grégoire 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 RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A24B 15/26, G01N 33/00, 1/34, 1/40
- (11) WO 03/041519 (13) A1
- (21) PCT/US02/35489
- (22) 5 Nov/nov 2002 (05.11.2002)
- (25) en (26) en
- (30) 60/337,917 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • EXTRACTION METHOD FOR POLYAROMATIC HYDROCARBON ANALYSIS
- PROCEDE D'EXTRACTION POUR L'ANALYSE D'HYDROCARBURES AROMATIQUES POLYCYCLIQUES
- (71) VECTOR TOBACCO INC. [US/US]; 250 Crown Boulevard, Timberlake, NC 27853 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHENG, Tianrong [CN/US]; 7217 Summit Waters Lane, Raleigh, NC 27613 (US). DING, Yi [CN/CN]; 2-#303, Building 508, District 5 of Jingsong, Chaoyang District (CN).
- (74) ALTMAN, Daniel, E.; Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility

model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A24D 1/08

(11) WO 03/041520 (13) A1

(21) PCT/ES02/00006

(22) 9 Jan/jan 2002 (09.01.2002)

(25) es (26) es

(30) P 200102481 18 Oct/oct 2001 ES (18.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SELF-LIGHTING SYSTEM FOR CIGARS AND CIGARETTES
• SYSTEME D'AUTOALLUMAGE POUR CIGARES ET CIGARETTES

(71, 72) APARICIO CERVANTES, Dionisio [ES/ES]; c/ Juan Fernández 18, 10° - E, E-30204 Cartagena (ES). DIAZ JODAR, Fulgencio [ES/ES]; c/ Serrano Montaner n° 20 - Santa Ana, E-30319 Cartagena (ES). GARCIA ANDREO, Pedro José [ES/ES]; c/ Recesvinto n° 2, Santa Ana, E-30319 Cartagena (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ A24D 3/06

(11) WO 03/041521 (13) A2

(21) PCT/US02/35741

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 60/338,168 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND COMPOSITION FOR MENTHOLATION OF CHARCOAL FILTERED CIGARETTES

• PROCEDE ET COMPOSITION POUR ADDITIONNER DU MENTHOL A DES CIGARETTES COMPRENANT UN FILTRE AU CHARBON

(71) VECTOR TOBACCO INC. [US/US]; 250 Crown Boulevard, Timberlake, NC 27853 (US).

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

(72, 75) SHI, Xuling [CN/US]; 7217 Summit Waters Lane, Raleigh, NC 27613 (US).

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

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A24F 19/00, B60N 3/08

(11) WO 03/041522 (13) A1

(21) PCT/ES02/00521

(22) 11 Nov/nov 2002 (11.11.2002)

(25) es (26) es

(30) U 0102743 12 Nov/nov 2001 ES (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • IMPROVED, MULTI-USE, DISPOSABLE ASHTRAY
• CENDRIER JETABLE AMELIORE A USAGES MULTIPLES

(71, 72) TOMAS OLMOS, Rafael Angel [ES/ES]; Avda. de la libertad, 5, Puig de Santa Maria, E-46031 Valencia (ES). HILDALGO BELMONTE, Antonio [ES/ES]; C/Cura Palanca, 36, E-46013 Valencia (ES).

(74) DAVILA BAZ, Angel; Clarke, Modet & Co., Goya, 11, E-28001 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A24F 19/04, 19/06, 19/08

(11) WO 03/041523 (13) A1

(21) PCT/SE02/02024

(22) 6 Nov/nov 2002 (06.11.2002)

(25) en (26) en

(30) 0103825-6 16 Nov/nov 2001 SE (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • AN ASH HANDLING SYSTEM
• SYSTEME DE MANIPULATION DE CENDRES

(71) SMOKE FREE SYSTEMS AB [SE/SE]; Box 4217, S-102 65 Stockholm (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BJERSTEN, Peter [SE/SE]; Gudöterrassen 623, S-135 53 Tyresö (SE).

(74) SÄFWENBERG, Björn; Ehrner & Delmar Patentbyrå AB, Box 103 16, S-100 55 Stockholm (SE).

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

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

(51)⁷ A41D

(11) WO 03/041524 (13) A2

(21) PCT/US02/35980

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 60/332,462 14 Nov/nov 2001 US (14.11.2001)

(30) 60/391,393 25 Jun/juin 2002 US (25.06.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • UNIVERSAL WEIGHTED CONDITIONING GARMENT AND SYSTEM FOR RESISTANCE TRAINING
• VETEMENT DE MISE EN CONDITION UNIVERSEL LESTE ET SYSTEME D'ENTRAINEMENT EN RESISTANCE

(71, 72) REED, James [US/US]; 4004 Lonesome Trail, Plano, TX 75023 (US).

(74) CAMERON, Michael, G.; Jackson Walker, L.L.P., Suite 600, 2435 North Central Expressway, Richardson, TX 75080 (US).

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

- LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A41D 1/02, 3/00, 13/015, 13/05, 13/06,
B63C 9/08, A41D 27/28**
- (11) **WO 03/041525** (13) A1
(21) PCT/FI01/00987
(22) **14 Nov/nov 2001 (14.11.2001)**
(25) fi (26) en
(43) 22 May/mai 2003 (22.05.2003)
- (54) • A BREATHABLE GARMENT OR PRO-
TECTIVE DEVICE AND THE USE
THEREOF
- VETEMENT PERMEABLE A L'AIR OU
DISPOSITIF PROTECTEUR ET UTILI-
SATION DE CEUX-CI
- (71) **FAGERDALA TUOTANTO OY** [FI/FI];
Vätkärantie 97, FIN-23800 Laitila (FI).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **LAAKSONEN, Kari** [FI/FI]; Perkontie
124, FIN-23800 Laitila (FI).
- (74) **LAITINEN, Pauli, S.**; Patentti-Laitinen Oy,
P.O. Box 29, FIN-02771 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 PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG
US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).
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- (51)⁷ **A43B 5/00**
- (11) **WO 03/041526** (13) A1
(21) PCT/KR02/02091
(22) **12 Nov/nov 2002 (12.11.2002)**
(25) en (26) en
(30) 2001/70569 **13 Nov/nov 2001 KR
(13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SHOES WITH ROLLER DEVICE
- CHAUSSURES AVEC DISPOSITIF A
ROULETTES
- (71) **LEE, Hong-Kil** [KR/KR]; 5th Floor, Seil
Building, 727-13, Yeoksam-dong, Kang-
nam-gu, 135-082 Seoul (KR).
- (72) **YOO, Sang-Cheol**; 1570-1, Seocho-dong,
Seocho-gu, 137-070 Seoul (KR).
- (74) **LEE, Hong-Kil**; 5th Floor, Seil Build-
ing, 727-13, Yeoksam-dong, Kangnam-gu,
135-082 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 OM PH PL PT RO RU
SC SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **A44C 5/00, G04B 37/00**
- (11) **WO 03/041527** (13) A2
(21) PCT/US02/31595
(22) **23 Oct/oct 2002 (23.10.2002)**
(25) en (26) en
(30) 09/986.660 **9 Nov/nov 2001 US
(09.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • TIMEPIECE WITH INTEGRAL
MOLDED WRISTBAND
- PIECE D'HORLOGERIE AVEC BRACE-
LET MOULE INTEGRE
- (71) **NIKE, INC.** [US/US]; One Bowerman
Drive, Beaverton, OR 97005-6453 (US).
(only for / seulement pour JP KR)
- (71) **NIKE INTERNATIONAL LTD.** [US/US];
One Bowerman Drive, Beaverton, OR 97005-
6453 (US).
*(for all designated States except / pour tous
les États désignés sauf JP KR US)*
- (72, 75) **WILSON, Scott, Harold** [US/US]; 420
N.W. 11th Avenue, #501, Portland, OR 97209
(US).
- (74) **NIEGOWSKI, James, A.**; Banner & Wit-
coff, Ltd., 1001 G Street, N.W., 11th Floor,
Washington, DC 20001-4597 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A45C 13/26**
- (11) **WO 03/041528** (13) A1
(21) PCT/BE02/00169
(22) **13 Nov/nov 2002 (13.11.2002)**
(25) fr (26) fr
(30) 2001/0738 **13 Nov/nov 2001 BE
(13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • INCORPORATED SUITCASE HANDLE
- POIGNEE INTEGREE POUR VALISE
- (71) **DELSEY BENELUX N.V.** [BE/BE];
Tweemontstraat 202, B-2100 Antwerpen
(BE).

- (for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **DE LATHOUWER, Roger** [BE/BE];
35, avenue de la Sapinière, B-1180 Bruxelles
(BE).
- (74) **COLENS, Alain**; Bureau Colens SPRL, 21,
Rue Franz Merjay, B-1050 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **A45C 13/26**
- (11) **WO 03/041529** (13) A1
(21) PCT/BE02/00171
(22) **14 Nov/nov 2002 (14.11.2002)**
(25) fr (26) fr
(30) 2001/0743 **14 Nov/nov 2001 BE
(14.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • RECLINABLE TELESCOPIC HANDLE
- POIGNÉE TÉLESCOPIQUE INCLI-
NABLE
- (71) **DELSEY BENELUX N.V.** [BE/BE];
Tweemontstraat 202, B-2100 Antwerpen
(BE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **DE LATHOUWER, Roger** [BE/BE];
Avenue de la Sapinière 3, B-1180 Bruxelles
(BE).
- (74) **COLENS, Alain**; Bureau Colens SPRL, Rue
Franz Merjay 21, B-1050 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **A45D**
- (11) **WO 03/041530** (13) A2
(21) PCT/EP02/12511
(22) **8 Nov/nov 2002 (08.11.2002)**
(25) de (26) de
(30) 101 55 367.6 **10 Nov/nov 2001 DE
(10.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)

- (54) • DEVICE WITH A COMB-TYPE HOLLOW TOOTHED APPLICATOR
• DISPOSITIF COMPRENANT UN APPLICATEUR A DENTS CREUSES EN PEIGNE
- (71) WELLA AKTIENGESELLSCHAFT [DE/DE]; Abt. RP, Berliner Allee 65, 64274 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EBERHARDT, Heiko [DE/DE]; Kurmainzerstrasse 93, 61440 Oberursel (DE).
HOELZER, Anja [DE/DE]; Umlandstrasse 17, 64572 Buettelborn (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ A45D 19/02, 19/18
- (11) WO 03/041532 (13) A1
- (21) PCT/US02/35336
- (22) 4 Nov/nov 2002 (04.11.2002)
- (25) en (26) en
- (30) 10/055,851 10 Nov/nov 2001 US (10.11.2001)
- (30) 10/206,455 26 Jul/juil 2002 US (26.07.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • COLOR-CODED INDEX SYSTEM AND SYNCHRONIZED COLORED DEVICES FOR APPLICATION OF HAIR COLORING AND OTHER TREATMENT AND METHOD OF USE
• SYSTEME D'INDEXAGE A CODAGE COULEUR ET DISPOSITIFS COLORES SYNCHRONISES POUR L'APPLICATION DE COLORANTS CAPILLAIRES ET D'AUTRES TRAITEMENTS ET PROCEDE D'UTILISATION
- (71, 72) HALL, Ginger [US/US]; Design Enterprises LLC, 4822 North 35th Place, Phoenix, AZ 85018 (US). DEVOE, Kate, M. [US/US]; 1866 Filbert Street, San Francisco, CA 94123 (US).
- (74) SHIPPEY, Michael, A.; 4848 Lakeview Avenue, Suite B, Yorba Linda, CA 92886-3452 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- Published / Publiée : (c)
- (51)⁷ A46B
- (11) WO 03/041533 (13) A2
- (21) PCT/US02/36504
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 09/992,788 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • HOT AIR WELDING OF TOOTHBRUSH COMPONENTS
• SOUDAGE A L'AIR CHAUD DE COMPOSANTS DE BROSSA A DENTS
- (71) COLGATE-PALMOLIVE COMPANY [US/US]; 300 Park Avenue, New York, NY 10022 (US).
- (72) RUSSELL, Bruce, M.; 30 Flintlock Drive, Howell, NJ 07731 (US). GRIMM, Robert, A.; 1810 Ivanhoe Court, Columbus, OH 43220 (US).
- (74) GOLDFINE, Henry, S. et al. / etc.; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A46B 9/04
- (11) WO 03/041534 (13) A1
- (21) PCT/US02/35564
- (22) 5 Nov/nov 2002 (05.11.2002)
- (25) en (26) en
- (30) 60/345,048 9 Nov/nov 2001 US (09.11.2001)
- (30) 10/064,938 30 Aug/août 2002 US (30.08.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DENTAL DEVICE
• DISPOSITIF DE SOINS DENTAIRE
- (71, 72) SANTACRUZ, Karen [US/US]; 4744 13th Avenue South, Minneapolis, MN 55407 (US).
- (74) COLOMBO, Andrew, G.; Hovey Williams LLP, Suite 400, 2405 Grand Boulevard, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A47B 21/02
- (11) WO 03/041535 (13) A1
- (21) PCT/DK02/00706
- (22) 23 Oct/oct 2002 (23.10.2002)
- (25) en (26) en
- (30) PA 2001 01571 25 Oct/oct 2001 DK (25.10.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • HOLDER FOR AT LEAST ONE PORTABLE COMPUTER AND USE OF SUCH A HOLDER

- SUPPORT DESTINE A AU MOINS UN ORDINATEUR PORTABLE ET UTILISATION D'UN TEL SUPPORT
- (71, 72) **POULSEN, Stig** [DK/DK]; Agerfloegen 35, DK-4130 Viby Sjaelland (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A47C
- (11) **WO 03/041536** (13) A2
- (21) PCT/US02/36450
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (30) 60/332,750 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • COLLAPSIBLE RESTRAINING ENCLOSURE FOR A BED
- ENCEINTE REPLIABLE POUR LE CONFINEMENT D'UN PATIENT AUTOUR D'UN LIT
- (71) **VIVAX MEDICAL CORPORATION** [US/US]; 89 Putter Land, Torrington, CT 06790 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ELLEN, Thomas, D.** [US/US]; 7 Becon-tree Health Road, North Granby, CT 06060 (US). **GILDEA, John, J.** [US/US]; 408 Win-hall Hollow Road, Bondville, VT 05340 (US).
- (74) **CHACLAS, George, N. et al.** / etc.; Cum-mings & Lockwood, Granite Square, 700 State Street, P.O. Box 1960, New Haven, CT 06509-19610 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A47C 27/00
- (11) **WO 03/041537** (13) A1
- (21) PCT/KR02/00172
- (22) 6 Feb/fév 2002 (06.02.2002)
- (25) ko (26) en
- (30) 2001-0031344 15 Oct/oct 2001 KR (15.10.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CUSHION SYSTEM PROVIDING ENHANCED CUSHIONING FUNCTION AND AERATION
- SYSTEME DE COUSSIN ASSURANT UN MEILLEUR AMORTISSEMENT ET UNE MEILLEURE AERATION
- (71) **Absorption-Tech World Inc.** [KR/KR]; 202 Commercialization Center, Technopark, 958-3, Daecheon-dong, Buk-gu, Gwangju-city 500-470 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RYU, Hae-Gu** [KR/KR]; 207-101, Dongkwang Apt., Kwangyoung-dong, Kwangyang-city, Chunnam 545-754 (KR).
- (74) **HONG, Sung-Chul**; RM. 703, NewSeoul Bldg., #828-8, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 27/10
- (11) **WO 03/041538** (13) A1
- (21) PCT/US02/15181
- (22) 14 May/mai 2002 (14.05.2002)
- (25) en (26) en
- (30) 29/150,217 14 Nov/nov 2001 US (14.11.2001)
- (30) 10/087,214 4 Mar/mar 2002 US (04.03.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • INFLATABLE MATTRESS TOPPER
- SURMATELAS GONFLABLE
- (71) **AERO INTERNATIONAL PRODUCTS, INC.** [US/US]; 1225 Karl Court, Wauconda, IL 60084 (US).
- (72) **BOSO, Karen**; 4010 S. Cherry Valley Road, Woodstock, IL 60098 (US). **KEHRMANN, Michael**; 588 Peachtree, Lake Zurich, IL 60047 (US). **CHING-CHIN, Chen**; 4 Fl., No. 30 Lane 120, Yungji Rd., Shinyi Chiu, 110 Taipei (TW).
- (74) **MCQUADE, Paul et al.** / etc.; 1750 Tysons Blvd., 12th Floor, 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A47F 5/10
- (11) **WO 03/041540** (13) A1
- (21) PCT/CH02/00612
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) de (26) de
- (30) 2105/01 15 Nov/nov 2001 CH (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SUSPENSION DEVICE COMPRISING A PROFILE RAIL THAT IS TO BE VERTICALLY ARRANGED, AND COMPRISING A BRACKET THAT CAN BE SUSPENDED THEREIN
- DISPOSITIF DE SUSPENSION POURVU D'UN RAIL PROFILE DISPOSE VERTICALEMENT AINSI QUE D'UNE CONSOLE POUVANT ETRE SUSPENDUE A CE DERNIER
- RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A47F 5/10
- (11) **WO 03/041539** (13) A1
- (21) PCT/CH02/00606
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) de (26) de
- (30) 201 18 352.8 12 Nov/nov 2001 DE (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • INFORMATION AND SALES STAND
- STANDS D'INFORMATIONS ET DE VENTE
- (71) **VISPLAY INTERNATIONAL AG** [CH/CH]; Klünfeldstrasse 22, CH-4132 Muttenz (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DE BRUYN, Claudia** [DE/DE]; Am Kleinen Rahm 5, 40878 Ratingen (DE). **BÖHLER, Lothar** [DE/DE]; Fesenbergweg 5, 79774 Albrbruck (DE).
- (74) **ULLRICH, Gerhard**; c/o Axon Patent GmbH, Austrasse 67, P. O. Box 607, CH_4147 Aesch (CH).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A47F 5/10, 5/08, A47B 57/42, 57/56, 57/34, 57/48
- (11) **WO 03/041540** (13) A1
- (21) PCT/CH02/00612
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) de (26) de
- (30) 2105/01 15 Nov/nov 2001 CH (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SUSPENSION DEVICE COMPRISING A PROFILE RAIL THAT IS TO BE VERTICALLY ARRANGED, AND COMPRISING A BRACKET THAT CAN BE SUSPENDED THEREIN
- DISPOSITIF DE SUSPENSION POURVU D'UN RAIL PROFILE DISPOSE VERTICALEMENT AINSI QUE D'UNE CONSOLE POUVANT ETRE SUSPENDUE A CE DERNIER

- (71) VISPLAY INTERNATIONAL AG [CH/CH]; Klünenfeldstrasse 22, CH-4132 Muttenz (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WALTER, Herbert [DE/DE]; Im Zehntgarten 13, 79379 Müllheim (DE).
- (74) ULLRICH, Gerhard; c/o Axon Patent GmbH, Austrasse 67, P.O. Box 607, CH-4147 Aesch (CH).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A47G
- (11) WO 03/041541 (13) A2
- (21) PCT/US02/23781
- (22) 25 Jul/juil 2002 (25.07.2002)
- (25) en (26) en
- (30) 10/046,414 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ANCHOR RAIL ADAPTER AND HANGER AND METHOD
• ADAPTATEUR ET SUPPORT DE RAIL D'ANCRAGE ET PROCEDE
- (71) ANDREW CORPORATION [US/US]; 10500 W. 153rd Street, Orland Park, IL 60462 (US).
- (72) KORCZAK, Rick; 24044 South Green Heron Drive, Channahon, IL 60410 (US). LINEHAN, Kevin, E.; 8819 1/2 West 84th Place, Justice, IL 60458 (US). STOCKMAN, Christopher, R.; 2090 Thames, New Lenox, IL 60451 (US).
- (74) COHEN, Eric, D., et al. / etc.; Welsh & Katz, Ltd., 22nd Floor, 120 South Riverside Plaza, 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A47J
- (11) WO 03/041544 (13) A1
- (21) PCT/JP02/11730
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) ja (26) ja
- (30) 2001-345846 12 Nov/nov 2001 JP (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • HEATING CONTAINER FOR MICROWAVE OVEN, PACKAGING BODY FOR HEATING MICROWAVE OVEN, AND METHOD OF RE-USING THE PACKAGING BODY
• CONTENANT DE CHAUFFAGE POUR FOUR MICRO-ONDES, CORPS D'EMBALLAGE POUR FOUR MICRO-ONDES DE CHAUFFAGE, ET PROCEDE DE REUTILISATION DE CE CORPS D'EMBALLAGE
- (71) MEIWA PAX CO., LTD. [JP/JP]; 888-1, Enmyo-cho, Kashiwara-shi, Osaka 582-0027 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MASUDA, Yasutoshi [JP/JP]; 6-9, Tamate-cho, Kashiwara-shi, Osaka 582-0028 (JP). MORIKAWA, Osamu [JP/JP]; 282-1, Oaza Mitsuyoshi, Koryo-cho, Kitakatsuragi-gun, Nara 635-0823 (JP).
- (74) NAKAO, Shunsuke et al. / etc.; c/o Nakao & Ito Patent Office, 3-5, Uchikanda 1-chome, Chiyoda-ku, Tokyo 101-0047 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A47G 19/12, A47J 41/00
- (11) WO 03/041543 (13) A1
- (21) PCT/AU01/01478
- (22) 13 Nov/nov 2001 (13.11.2001)
- (25) en (26) en
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • BEVERAGE CONTAINER
• RECIPIENT POUR BOISSON
- (71, 72) CLEMENTS, Peter, Edward [AU/AU]; 70 Northwood Street, West Leederville, Western Australia 6007 (AU).
- (74) WRAY & ASSOCIATES; 239 Adelaide Terrace, Perth, W.A. 6000 (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 TN TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A47J 27/00, B65D 81/34
- (11) WO 03/041544 (13) A1
- (21) PCT/JP02/11730
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) ja (26) ja
- (30) 2001-345846 12 Nov/nov 2001 JP (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ELECTRON SOURCE FOR FOOD TREATING APPARATUS AND METHOD
• SOURCE D'ELECTRONS POUR APPAREIL ET PROCEDE DE TRAITEMENT ALIMENTAIRE
- (71) LIFEWARE, LLC [US/US]; 2490 Lee Road, Suite 215, Cleveland Heights, OH 44118-1255 (US).
- (72) SIMIC-GLAVASKI, Branimir; 2481 Edgehill Road, Cleveland, OH 44106 (US). SIMIC, Michael, G.; 9404 Bac Place, Gaithersburg, MD 20877 (US).
- (74) ROMERO, Andrew; Renner, Otto, Boisselle & Sklar, LLP, 1621 Euclid Avenue, 19th Floor, Cleveland, OH 44115 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

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

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

(51)⁷ A47J 31/40

(11) WO 03/041546 (13) A1

(21) PCT/FR02/03907

(22) 14 Nov/nov 2002 (14.11.2002)

(25) fr (26) fr

(30) 01/14759 14 Nov/nov 2001 FR (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • DEVICE FOR PREPARING A BEVERAGE BY MIXING SOLUBLE PRODUCTS WITH A LIQUID
• DISPOSITIF DE PREPARATION D'UNE BOISSON PAR MELANGE DE PRODUITS SOLUBLES AVEC UN LIQUIDE

(71, 72) BERGAMELLI, Patrick [FR/FR]; 181, route du Vernay, F-38730 Le Pin (FR). ANTONINI, Gilbert [FR/FR]; 18, rue Claude Callemard, F-69500 Bron (FR).

(74) HECKE, Gérard; Cabinet Hecke, WTC Europe, 5, place Robert Schuman, B.P. 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A47J 37/06, 37/07

(11) WO 03/041547 (13) A1

(21) PCT/FR02/03353

(22) 2 Oct/oct 2002 (02.10.2002)

(25) fr (26) fr

(30) 0113032 10 Oct/oct 2001 FR (10.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • VERTICAL-PIT BARBECUE USING CHARCOAL, LAVA ROCK, WOOD, GAS AND OTHER FUELS
• BARBECUE A FOYER VERTICAL A CHARBON DE BOIS, PIERRE DE LAVES, BOIS GAZ ET AUTRES COMBUSTIBLES

(71, 72) ALAZET, Jean [FR/FR]; 26, rue des Fossés Saint-Bernard, F-75005 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 TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A47K 3/022, 3/12, 17/02

(11) WO 03/041548 (13) A1

(21) PCT/AU02/01538

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) PR 8860 14 Nov/nov 2001 AU (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • FOOT SUPPORT
• REPOSE-PIED

(71, 72) HANNS, Shane [AU/AU]; 22 Crest Drive, Elanora, Queensland 4221 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (a)

(51)⁷ A47K 10/38

(11) WO 03/041549 (13) A1

(21) PCT/SE02/01633

(22) 12 Sep/sep 2002 (12.09.2002)

(25) sv (26) en

(30) 0103206-9 26 Sep/sep 2001 SE (26.09.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • DISPENSER FOR ROLLS OF WEB MATERIAL
• DISTRIBUTEUR DE ROULEAUX DE MATERIAU EN BANDE

(71) SCA HYGIENE PRODUCTS AB [SE/SE]; S-405 03 Göteborg (SE).

(72) SALÅKER, Allan; Björkallén 2, S-776 70 Vikmanshyttan (SE). WESTER, Christina; Bergtåktsvägen 10, S-783 32 Säter (SE). LIND, Mats; Orångarna 8, S-776 90 Hedemora (SE).

(74) ALBIHNS GÖTEBORG AB et al. / etc.; P.O. Box 142, S-401 22 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A47K 13/26

(11) WO 03/041550 (13) A1

(21) PCT/EP02/12535

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) UD2001A000180 14 Nov/nov 2001 IT (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • TOILET SEAT WITH QUICK FITTING AND REMOVAL
• SIEGE DE TOILETTE A MONTAGE ET DEMONTAGE RAPIDES

(71, 72) MIOTTO, Beniamino [IT/IT]; Via Zabotti, 26, I-31056 Roncade (IT). GALEOTTI, Paolo [IT/IT]; Via Aspromonte, 10, I-33100 Udine (IT).

(74) CRAGNOLINI, Sergio; Viale Venezia, 277, I-33100 Udine (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A47L 5/36

(11) WO 03/041551 (13) A1

(21) PCT/US02/31789

(22) 3 Oct/oct 2002 (03.10.2002)

(25) en (26) en

(30) 09/991,146 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • BAGLESS CANISTER VACUUM CLEANER
• ASPIRATEUR TRaineau SANS SAC

(71) SMC MARKETING CORPORATION [US/US]; Grace Yung Chew, Senior Vice President, 1728 South Greenwood Avenue, Montebello, CA 90640 (US). SHELL ELECTRIC MFG. (HOLDINGS) CO. LTD. [CN/CN]; c/o YUNG, Billy, Group Managing Director, 17 F., Shell Ind. Bldg., Lee Chung Street, Chai Wan (CN).

(72) YUNG, Billy; Shell Electric Mfg. (Holdings) Co. Ltd., 17 F., Shell Ind. Bldg., Lee Chung Street, Chai Wan, Hong Kong (CN).

(74) ANDERSON, Denton, L. et al. / etc.; Sheldon & Mak, 225 South Lake Avenue, 9th Floor, Pasadena, CA 91101 (US).

(81) AU CA ZA.

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

(51)⁷ A47L 9/02, 9/04

(11) WO 03/041552 (13) A1

(21) PCT/JP02/11708

(22) 8 Nov/nov 2002 (08.11.2002)

(25) ja (26) ja

(30) 2001-345619 12 Nov/nov 2001 JP (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SUCTION CLEANER
• NETTOYEUSE ASPIRANTE

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho., Abeno-ku., Osaka-shi, Osaka 545-0013 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOSHIMURA, Hiroshi [JP/JP]; 3-9-6, Umenosato., Tondabayashi-shi, Osaka 584-0001 (JP). NISHINAKA, Noboru [JP/JP]; 43-10, Kitadejima., Wakayama-shi, Wakayama 640-8317 (JP). HAMADA, Susumu [JP/JP]; 11-11, Kamihonmachi., Takatsuki-shi, Osaka 569-0073 (JP).

(74) SANO, Shizuo; Tenmabashi-Yachiyo Bldg. Bekkan., 2-6, Tenmabashi-kyomachi., Chuo-ku., Osaka-shi, Osaka 540-0032 (JP).

(81) CA CN US.

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

(51)⁷ A47L 9/12, 9/20, 7/08

(11) WO 03/041553 (13) A1

(21) PCT/EP02/12570

(22) 11 Nov/nov 2002 (11.11.2002)

(25) de (26) de

(30) 101 56 696.4 17 Nov/nov 2001 DE (17.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PURIFICATION UNIT
• APPAREIL EPURATEUR

(71) WIRTH, Gabriele [DE/DE]; Marienplatz 12, 96050 Bamberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WIRTH, Herbert [DE/DE]; Marienplatz 12, 96050 Bamberg (DE).

(74) EICHSTÄDT, Alfred; Kuhbergstrasse 23, 96317 Kronach (DE).

(81) US.

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

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A47L 11/40, 11/282

(11) WO 03/041554 (13) A1

(21) PCT/US02/34994

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/337,454 9 Nov/nov 2001 US (09.11.2001)

(30) 10/274,671 18 Oct/oct 2002 US (18.10.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM AND METHOD OF INFORMATION FOR SURFACE MAINTENANCE VEHICLES

• SYSTEME ET PROCÉDE DE GESTION D'INFORMATIONS POUR VEHICULES D'ENTRETIEN DE SURFACE

(71) TENNANT COMPANY [US/US]; 701 North Lilac Drive, P.O. Box 1452, Minneapolis, MN 55440 (US).

(72) ERKO, Robert, J.; 12138 Gantry Lane, Apple Valley, MN 55124 (US). GROSHEN, Paul, Leonard, Jr.; 2494-8th Street, White Bear Lake, MN 55110 (US).

(74) KLOS, John, F.; Fulbright & Jaworski L.L.P., 225 South Sixth Street, Suite 4850, Minneapolis, MN 55402-4320 (US).

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

(51)⁷ A47L 13/30

(11) WO 03/041555 (13) A1

(21) PCT/US02/36514

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 09/992,195 14 Nov/nov 2001 US (14.11.2001)

(30) 10/177,901 19 Jun/juin 2002 US (19.06.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FLOOR FINISH APPLICATION SYSTEM USING APPLICATOR PAD AND MATCHED FLOOR FINISH COMPOSITION

• SYSTEME D'APPLICATION DE REVETEMENT DE SOL METTANT EN OEUVRE UN TAMPON D'APPLICATION ET COMPOSITION DE REVETEMENT DE SOL ASSOCIEE

(71) ECOLAB INC. [US/US]; Ecolab Center, Saint Paul, MN 55102 (US).

(72) DEFIELDS, Scott; 6906 10th Street North, Oakdale, MN 55128 (US). OLSON, Scott; 355 Hickory, Mahtomedi, MN 55115 (US).

(74) SORENSEN, Andrew, D.; Ecolab Inc., 840 Sibley Memorial Highway, Mendota Heights, MN 55118 (US).

(81) 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 ZM ZW.

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

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(51)⁷ A47L 15/42, F24C 15/08

(11) WO 03/041556 (13) A1

(21) PCT/EP02/12219

(22) 31 Oct/oct 2002 (31.10.2002)

(25) de (26) de

(30) 101 56 420.1 16 Nov/nov 2001 DE (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DEVICE FOR FIXING A COUNTERWEIGHT
• DISPOSITIF DE FIXATION D'UN CONTREPOIDS

(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) KÜCÜK, Cengiz [DE/DE]; Krautgartenweg 29, 89428 Syrgenstein (DE). SEESSLE, Manfred [DE/DE]; Am Holderstäudle 6, 89547 Gerstetten-Deitingen (DE). STICKEL, Ernst [DE/DE]; Hirschstr. 24, 89537 Giengen (DE).

(74) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH; Hochstr. 17, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

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

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

(51)⁷ A47L 15/42

(11) WO 03/041557 (13) A1

(21) PCT/EP02/12220

(22) 31 Oct/oct 2002 (31.10.2002)

(25) de (26) de

(30) 101 56 423.6 16 Nov/nov 2001 DE
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • TWO-PIECE WASHING TANK FOR A
DISHWASHER AND A METHOD FOR
MANUFACTURING A TWO-PIECE
WASHING TANK FOR DISHWASHERS
• CUVE DE LAVAGE EN DEUX PARTIES
DESTINEE A UN LAVE-VAISSELLE ET
PROCEDE DE FABRICATION D'UNE
CUVE DE LAVAGE EN DEUX PARTIES
POUR LAVE-VAISSELLE

(71) BSH BOSCH UND SIEMENS HAUS-
GERÄTE GMBH [DE/DE]; Hochstr. 17,
81669 München (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KÜCÜK, Cengiz [DE/DE]; Kraut-
gartenweg 29, 89428 Syrgenstein (DE). OP-
PEL, Anton [DE/DE]; Ludwig-Thoma-Str.
19, 89428 Syrgenstein (DE). SEESSLE,
Manfred [DE/DE]; Am Holderstäu-
dle 6, 89547 Gerstetten-Deitingen (DE).
THIBAUT, Wilhelm [DE/DE]; Hohen-
staufen 9, 89567 Sontheim (DE).

(74) BSH BOSCH UND SIEMENS HAUS-
GERÄTE GMBH; Hochstr. 17, 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

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

(51) A47L 25/00

(11) WO 03/041558 (13) A1

(21) PCT/US02/30381

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en

(26) en

(30) 10/011,139 9 Nov/nov 2001 US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A COVER FOR A ROLL OF CONTAMI-
NANT REMOVAL TAPE
• ENVELOPPE POUR ROULEAU DE RU-
BAN D'ELIMINATION D'IMPURETES

(71) 3M INNOVATIVE PROPERTIES COM-
PANY [US/US]; 3M Center, Post Office Box
33427, Saint Paul, MN 55133-3427 (US).

(72) JESSEN, Todd J.; Post Office Box 33427,
Saint Paul, MN 55133-3427 (US). ANDER-
SON, Andrew C.; Post Office Box 33427,
Saint Paul, MN 55133-3427 (US).

(74) BUSS, Melissa E., et al. / etc.; Office of In-
tellectual Property Counsel, Post Office Box
33427, Saint Paul, MN 55133-3427 (US).

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

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

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 TN TR TT TZ UA UG UZ VC VN
YU ZA ZM ZW AP (GH GM KE LS MW MZ SD
SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD
RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE
ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)
(t) for all designations / pour toutes les
désignations

(51)⁷ A61B

(11) WO 03/041559 (13) A2

(21) PCT/US02/34000

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 10/001,923 23 Oct/oct 2001 US
(23.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ELECTRICAL STIMULATION OF THE
SYMPATHETIC NERVE CHAIN
• STIMULATION ELECTRIQUE DE LA
CHAÎNE NERVEUSE SYMPATHIQUE

(63) US 10/001,923 (CON)
23 Oct/oct 2001 (23.10.2001)

(71) THE CLEVELAND CLINIC FOUNDA-
TION [US/US]; 9500 Euclid Avenue, Cleve-
land, OH 44915 (US).

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

(72, 75) REZAI, Ali, R. [US/US]; 9500 Euclid
Avenue, Cleveland, OH 44915 (US).

(74) MILLER, Raymond, A.; Pepper Hamilton
LLP, One Mellon Center, 50th Floor, 500
Grant Street, Pittsburgh, PA 15219 (US).

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

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

Declarations / Déclarations :

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

(51)⁷ A61B

(11) WO 03/041560 (13) A2

(21) PCT/US02/35624

(22) 5 Nov/nov 2002 (05.11.2002)

(25) en (26) en

(30) 10/012,256 6 Nov/nov 2001 US
(06.11.2001)

(30) 10/007,693 5 Dec/déc 2001 US
(05.12.2001)

(30) 10/197,220 15 Jul/juil 2002 US
(15.07.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • COMPOUNDS AND METHODS FOR
TREATMENT AND DIAGNOSIS OF
CHLAMYDIAL INFECTION

• COMPOSES ET METHODES PERMET-
TANT DE TRAITER ET DE DIAGNOS-
TIQUER L'INFECTION A CHLAMY-
DIA

(71) CORIXA CORPORATION [US/US];
1124 Columbia Street, Suite 200, Seattle, WA
98104 (US).

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les États désignés sauf US)

(72, 75) BHATIA, Ajay [IN/US]; 305 Belle-
vue Avenue East, #400, Seattle, WA 98102
(US). GUDERIAN, Jeff [US/US]; 3724
176th Street S.W., Lynnwood, WA 98037
(US). SKEIKY, Yasir, A., W. [LB/US];
15106 S.E. 47th Place, Bellevue, WA 98006
(US). MAISONNEUVE, Jean-Francois, L.
[BE/US]; 7401 Fauntleroy Way S.W., #304,
Seattle, WA 98136 (US). BARTH, Brenda
[US/US]; 3303 31st Avenue, Seattle, WA
98126 (US). PROBST, Peter [DE/US]; 137
N.W. 77th Street, Seattle, WA 98117 (US).

(74) CHRISTIANSEN, William, T. 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 TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ A61B

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(25) en (26) en

(30) 60/344,426 9 Nov/nov 2001 US
(09.11.2001)

(30) 60/344,429 9 Nov/nov 2001 US
(09.11.2001)

(30) Not furnished / 28 Oct/oct 2002 US
non communiqué (28.10.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SELF-PROPELLED, INTRALUMINAL
DEVICE WITH ELECTRODE CONFIG-
URATION AND METHOD OF USE

• DISPOSITIF INTRALUMINAL AU-
TOPROPULSE A CONFIGURATION
D'ELECTRODES ET PROCEDE D'UTI-
LISATION ASSOCIE

(71) ETHICON ENDO-SURGERY, INC.
[US/US]; 4545 Creek Road, ML#97, Cincin-
nati, OH 45242 (US).

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

(71, 72) LONG, Gary, L. [US/GB]; 15 Donnay
Close, Gerards Cross, Buckinghamshire SL9
782 (GB).

(74) GRESSEL, Gerry; Ethicon Endo-Surgery,
Inc., 4545 Creek Road, Cincinnati, OH 45242
(US) et al. / etc.

(81) AU BR CA CN JP MX US.

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

(51)⁷ A61B

(11) WO 03/041562 (13) A2

(21) PCT/US02/36392

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/332,268 14 Nov/nov 2001 US
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MOLECULAR CANCER DIAGNOSIS
USING TUMOR GENE EXPRESSION
SIGNATURE

• DIAGNOSTIC D'UN CANCER MO-
LECULAIRE A L'AIDE D'UNE SI-
GNATURE D'EXPRESSION GENIQUE
TUMORALE

(71) WHITEHEAD INSTITUTE FOR
BIOMEDICAL RESEARCH [US/US];
Nine Cambridge Center, Cambridge, MA
02142 (US). DANA-FARBER CANCER

INSTITUTE, INC. [US/US]; 44 Binney
Street, Boston, MA 02115 (US).

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

(72, 75) GOLUB, Todd, R. [US/US]; 65 Waldorf
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JEE, Sayan [US/US]; 69 Sixth Street,
#1, Cambridge, MA 02141 (US). RA-
MASWAMY, Sridhar [US/US]; 55 Sewall
Avenue, #30, Brookline, MA 02446 (US).
RIFKIN, Ryan [US/US]; 290 Massachu-
setts Avenue, Cambridge MA 02139 (US).
TAMAYO, Pablo [US/US]; 195 Binney
Street, A4523, Cambridge, MA 02142 (US).

(74) TREANNIE, Lisa, M.; 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 SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

(51)⁷ A61B

(11) WO 03/041563 (13) A2

(21) PCT/US02/36446

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 09/992,972 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • NEUROTRANSMITTER BALANCE
CHEMOTHERAPY

• CHIMIOThERAPIE D'EQUILIBRAGE
DES NEUROTRANSMETTEURS

(63) US 09/992,972 (CON)
13 Nov/nov 2001 (13.11.2001)

(71) BE ABLE, LLC [US/US]; 34 West Kirke
Street, Chevy Chase, MD 20815 (US).

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

(72, 75) EIG, MARK, H. [US/US]; 34 West
Kirke Street, Chevy Chase, MD 20815 (US).

(74) MURASHIGE, Kate, H. et al. / etc.; Mor-
rison & Foerster LLP, Suite 500, 3811 Val-
ley Centre Drive, San Diego, CA 92130-2332
(US).

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

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

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

(51)⁷ A61B

(11) WO 03/041564 (13) A2

(21) PCT/US02/36564

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 10/008,052 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR EFFECTING
HEMOSTASIS

• TECHNIQUES DE DETECTION D'UNE
HEMOSTASE

(71) SCION CARDIO-VASCULAR, INC.
[US/US]; 14256 S.W. 119 Avenue, Miami,
FL 33186 (US).

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

(72, 75) LEVINSON, Melvin [US]; 12700 S.W.
64 Court, Pinecrest, FL 33156 (US). GO-
LIK, George [US]; 11450 S.W. 84 Avenue,
Miami, FL 33156 (US). MANZANO, Ern-
erst [US]; 9980 S.W. 147 Court, Miami, FL
33196 (US). DIAZ, Raymond [US]; 3926
Hawks Court, Weston, FL 33331 (US).

(74) LAPPIN, Mark, G. et al. / etc.; McDermott,
Will & Emery, 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 TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ A61B

(11) WO 03/041565 (13) A2

(21) PCT/US02/36568

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/331,275 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR DIAGNOSIS OF HELI-
COBACTER PYLORI INFECTION

• METHODE DE DIAGNOSTIC DE L'IN-
FECTION A <I>HELICOBACTER PY-
LORI </I>

(71) PHOTONIC BIOSYSTEMS [US/US];
21806 NE First, Sammamish, WA 98074
(US).

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

(72, 75) HUBBARD, Todd, W [US/US]; 20221
41st Place NE, Lake Forrest Park, WA 98155

(US). PUTNAM, David, L. [US/US]; 21806 NE First, Sammamish, WA 98074 (US).

(74) CONFORTI, Vita, G.; Davis Wright Tremaine LLP, 2600 Century Square, 1501 Fourth Avenue, Seattle, WA 98101-1688 (US).

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

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

(51)⁷ A61B

(11) WO 03/041566 (13) A2

(21) PCT/US02/36719

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/331,307 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHODS AND SYSTEMS FOR INTRAOPERATIVE MEASUREMENT OF SOFT TISSUE CONSTRAINTS IN COMPUTER AIDED TOTAL JOINT REPLACEMENT SURGERY

• PROCEDES ET SYSTEMES DE MESURE PEROPERATOIRE DES CONTRAINTES EXERCÉES PAR LES TISSUS MOUS, EN CHIRURGIE DE REMPLACEMENT TOTAL D'ARTICULATION ASSISTÉE PAR ORDINATEUR

(71) UNIVERSITY OF BRITISH COLUMBIA [CA/CA]; Industry Liaison Office, IRC Room 331, 2194 Health Sciences Mall, Vancouver, British Columbia V6T 1Z3 (CA).

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

(72, 75) HODGSON, Antony, J. [CA/CA]; 428 W. 11th Avenue, Vancouver, British Columbia V6R 2L7 (CA). ISLEY, Scott, G. [CA/US]; Z-kat, 2901 Simms Street, Hollywood, FL 33020 (US).

(74) ROBERTS, Mark, W. et al. / etc.; Dorsey & Whitney LLP, 1420 Fifth Avenue, Suite 3400, Seattle, WA 98101 (US).

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

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

(51)⁷ A61B

(11) WO 03/041567 (13) A2

(21) PCT/US02/36795

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 60/332,111 16 Nov/nov 2001 US (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • BONE REMOVAL DEVICE AND METHOD OF USE

• DISPOSITIF D'ABLATION D'OS ET PROCÉDE D'UTILISATION CORRESPONDANT

(71) SDGI HOLDINGS, INC. [US/US]; 300 Delaware Avenue, Suite 508, Wilmington, DE 19801 (US).

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(72, 75) KUNZLER, Alex [US/US]; 50340 Spyglass Hill Drive, LaQuinta, CA 98040-3732 (US).

(74) LOWES, J, Andrew et al. / etc.; Suite 3100, 901 Main Street, Dallas, TX 75202-3789 (US).

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

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

Declarations / Déclarations :

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

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A61B

(11) WO 03/041568 (13) A2

(21) PCT/US02/36837

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 60/332,138 15 Nov/nov 2001 US (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A THREE-DIMENSIONAL MATRIX FOR PRODUCING LIVING TISSUE EQUIVALENTS

• MATRICE TRIDIMENSIONNELLE POUR PRODUIRE DES EQUIVALENTS DE TISSU VIVANT

(71) UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY [US/US]; Office of Patents and Licencing, 335 George Street, Suite 3200, New Brunswick, NJ 08901 (US).

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(72, 75) HEWITT, Charles, W. [US/US]; 1501 Little Gloucester Road U-10, Blackwood, NJ 08012 (US). STRANDE, Louise [US/US]; 1 Olympic Drive, Voorhees, NJ 08043 (US). SCHUSTER, Kevin [US/US]; 491 Haddon Avenue, Collingswood, NJ 08108 (US).

(74) WISE, Michael, J. et al. / etc.; Perkins Coie LLP, P.O. Box 1208, Seattle, WA 98111-1208 (US).

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

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

(51)⁷ A61B

(11) WO 03/041569 (13) A2

(21) PCT/US02/36897

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/335,937 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • GRAFT AND METHOD OF MAKING

• GREFFE ET PROCÉDE D'ELABORATION

(71) ATRIUM MEDICAL CORPORATION [US/US]; 5 Wentworth Drive, Hudson, NH 03051 (US).

(72) SWANICK, Thomas; 129 Flagstone Drive, Nashua, NH 03063 (US). FERRARO, Joseph; 36 Sherwood Road, Londonderry, NH 03053 (US). DAGHER, Ibrahim; 16 Inglewood Terrace, Methuen, MA 01844 (US). MARTAKOS, Paul; 1 Regis Drive, Pelham, NH 03076 (US). KARWOSKI, Theodore; Hannah Drive, Hollis, NH 03049 (US). HERWECK, Steve; 4 Crestwood Lane, Nashua, NH 03062 (US).

(74) CANNING, Kevin, J. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

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

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

(51)⁷ A61B 1/267

(11) WO 03/041570 (13) A2

(21) PCT/EP02/12619

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 0127130.3 13 Nov/nov 2001 GB (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A LARYNGOSCOPE
• LARYNGOSCOPE

(71, 72) McMorro, Roger [GB/GB]; 148 Finaghy Road South, Belfast BT10 ODG (GB).

(74) WALLACE, Alan et al. / etc.; F R Kelly & Co, 9 University Street, Belfast BT7 1FY (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ A61B 3/02, 3/10

(11) WO 03/041571 (13) A1

(21) PCT/JP02/11848

(22) 13 Nov/nov 2002 (13.11.2002)

(25) ja (26) ja

(30) 2001-347988 13 Nov/nov 2001 JP (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • OPTOMETRIC DEVICE
• DISPOSITIF D'OPTOMETRIE

(71) KABUSHIKI KAISHA TOPCON [JP/JP]; 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-0052 (JP).
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(72, 75) FUKUMA, Yasufumi [JP/JP]; c/o Kabushiki Kaisha TOPCON, 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-0052 (JP). NISHIO, Kohji [JP/JP]; c/o Kabushiki Kaisha TOPCON, 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-0052 (JP). HAYASHI, Takefumi [JP/JP]; c/o Kabushiki Kaisha TOPCON, 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-0052 (JP). NAGAI, Noriyuki [JP/JP]; c/o Kabushiki Kaisha TOPCON, 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-0052 (JP). KATO, Yasuo [JP/JP]; c/o TOPCON ENGINEERING CORPORATION, 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-0052 (JP).

(74) NISHIWAKI, Tamio et al. / etc.; Ginza Gas Hall Bldg. 3F, 9-15, Ginza 7-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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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(51)⁷ A61B 3/032

(11) WO 03/041572 (13) A1

(21) PCT/JP02/11942

(22) 15 Nov/nov 2002 (15.11.2002)

(25) ja (26) ja

(30) 2001-350705 15 Nov/nov 2001 JP (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • OPHTHALMOLOGIC APPARATUS AND OPHTHALMOLOGIC CHART
• DISPOSITIF OPHTALMOLOGIQUE ET DIAGRAMME OPHTALMOLOGIQUE

(71) KABUSHIKI KAISHA TOPCON [JP/JP]; 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-0052 (JP).
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(72, 75) FUKUMA, Yasufumi [JP/JP]; c/o Kabushiki Kaisha TOPCON, 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-0052 (JP). NISHIO, Kohji [JP/JP]; c/o Kabushiki Kaisha TOPCON, 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-0052 (JP). HAYASHI, Takefumi [JP/JP]; c/o Kabushiki Kaisha TOPCON, 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-0052 (JP). YANAGI, Eiichi [JP/JP]; c/o Kabushiki Kaisha TOPCON, 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-0052 (JP). NAGAI, Noriyuki [JP/JP]; c/o Kabushiki Kaisha TOPCON, 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-0052 (JP). KATO, Yasuo [JP/JP]; c/o TOPCON ENGINEERING CORPORATION, 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-0052 (JP). IKEZAWA, Yukio [JP/JP]; c/o Kabushiki Kaisha TOPCON, 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-0052 (JP). HAYAFUJI, Mineki [JP/JP]; c/o Kabushiki Kaisha TOPCON, 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-0052 (JP). OKAMOTO, Tadashi [JP/JP]; c/o Kabushiki Kaisha TOPCON, 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-0052 (JP). HAYASHI, Masakazu [JP/JP]; c/o Kabushiki Kaisha TOPCON, 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-0052 (JP).

(74) NISHIWAKI, Tamio et al. / etc.; Ginza Gas Hall Bldg. 3F, 9-15, Ginza 7-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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 3/135

(11) WO 03/041573 (13) A1

(21) PCT/EP02/12561

(22) 11 Nov/nov 2002 (11.11.2002)

(25) de (26) de

(30) 101 55 464.8 12 Nov/nov 2001 DE (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ILLUMINATION UNIT FOR THE GENERATION OF OPTICAL SECTIONAL IMAGES IN TRANSPARENT MEDIA IN PARTICULAR IN THE EYE

• UNITE D'ECLAIRAGE PERMETTANT DE PRODUIRE DES VUES EN COUPE OPTIQUES DANS DES MILIEUX TRANSPARENTS, EN PARTICULIER DANS L'OEIL

(71) CARL ZEISS MEDITEC AG [DE/DE]; Göschwitzer Strasse 51-52, 07745 Jena (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOSCHMIEDER, Ingo [DE/DE]; Erfurter Str. 56, 07743 Jena (DE).

(81) JP US.

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

Published / Publiée : (c)

(51)⁷ A61B 5/00

(11) WO 03/041574 (13) A1

(21) PCT/KR02/01287

(22) 8 Jul/juil 2002 (08.07.2002)

(25) ko (26) en

(30) 2001/70371 13 Nov/nov 2001 KR (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD OF WAVE FORM SEGMENTATION AND CHARACTERIZATION OF THE SEGMENTED INTERVAL THEREOF

• PROCEDE DE SEGMENTATION D'UNE FORME D'ONDE ET DE CARACTERISATION DE L'INTERVALLE SEGMENTE DE CETTE DERNIERE

(71, 72) KIM, Jungkuk [KR/KR]; #1401, Cheongsol Village 203-dong 180 Kumkondong, Bundang-ku, Sung-Nam City 463-480 (KR).

(74) WON, Tae-Young; Samhee Patent & Law Office, Suite 1905, Sung-Ji Heights III Building, 642-6 Yeoksam-dong, Gangnam-ku, Seoul 135-717 (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 OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61B 5/00, 5/22, A61N 5/06, G02B 26/08
(11) WO 03/041575 (13) A1
(21) PCT/SE02/02050
(22) 11 Nov/nov 2002 (11.11.2002)
(25) sv (26) en
(30) 0103771-2 14 Nov/nov 2001 SE
(14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • THERAPY AND DIAGNOSIS SYSTEM
AND METHOD WITH DISTRIBUTOR
FOR DISTRIBUTION OF RADIATION
• SYSTEME ET PROCEDE DE THERA-
PIE ET DE DIAGNOSTIC A L'AIDE
D'UN DISTRIBUTEUR DE RAYONNE-
MENTS
(71, 72) SVANBERG, Sune [SE/SE]; Nicolovius
Väg 2, S-224 65 Lund (SE).
(72, 75) ANDERSSON-ENGELS, Stefan
[SE/SE]; Stormvägen 3, S-243 35 Höör
(SE). SVANBERG, Katarina [SE/SE]; Ni-
colovius väg 2, S-224 65 Lund (SE).
(74) STRÖM & GULLIKSSON INTELLEC-
TUAL PROPERTY CONSULTING AB;
P.O. Box 4188, S-203 13 Malmö (SE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ A61B 5/055
(11) WO 03/041576 (13) A2
(21) PCT/EP02/12597
(22) 12 Nov/nov 2002 (12.11.2002)
(25) de (26) de
(30) 101 55 559.8 12 Nov/nov 2001 DE
(12.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • ELECTRODE SYSTEM FOR A MAG-
NETIC RESONANCE TOMOGRAPH
• SYSTEME D'ELECTRODE POUR TO-
MOGRAPHE A RESONANCE MAGNE-
TIQUE
(71) UNIVERSITÄT DUISBURG-ESSEN
[DE/DE]; Universitätsstrasse 2, 45141 Essen
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les États désignés sauf US)
- (72, 75) GASSER, Thomas [DE/DE]; Girondel-
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(74) GESTHUYSEN, VON ROHR & EG-
GERT (Zusammenschluss-Nr. 122);
Huysenalle 100, 45128 Essen (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51) A61B 5/055, 6/04
(11) WO 03/041577 (13) A1
(21) PCT/IB02/04509
(22) 25 Oct/oct 2002 (25.10.2002)
(25) en (26) en
(30) 01204347.7 14 Nov/nov 2001 EP
(14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • DOCKING MEANS FOR MEDICAL
SYSTEM COMPRISING EXAMINA-
TION DEVICE AND PATIENT SUP-
PORT DEVICE
• ELEMENT D'ACCROCHAGE D'UN
SYSTEME MEDICAL COMPRENANT
UN DISPOSITIF D'EXAMEN ET UN
DISPOSITIF DE SUPPORT DE PATIENT
(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
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les États désignés sauf US)
(72, 75) LENTING, Gerrit, J. [NL/NL]; Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).
MERTENS, Wilhelmina, M., J. [NL/NL];
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL).
(74) WOLFS, Marc, J., M.; Internationaal Oc-
trooibureau 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B 5/055, G01R 33/567
(11) WO 03/041579 (13) A1
(21) PCT/JP01/09997
(22) 15 Nov/nov 2001 (15.11.2001)
(25) ja (26) ja
(43) 22 May/mai 2003 (22.05.2003)
(54) • MAGNETIC RESONANCE IMAGING
REQUIRING LONG WAITING TIME
BETWEEN PRE-PULSES AND IMAG-
ING PULSE TRAIN
• IMAGERIE PAR RESONANCE MA-
GNETIQUE NECESSITANT UN TEMPS
D'ATTENTE PROLONGE ENTRE LES
PREIMPULSIONS ET LE TRAIN D'IM-
PULSIONS D'IMAGERIE
(71) KABUSHIKI KAISHA TOSHIBA [JP/JP];
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105-8001 (JP).
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(72, 75) KANAZAWA, Hitoshi [JP/JP];
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sunomiya-Shi, Tochigi 321-0954 (JP).
(74) HATANNO, Hisashi et al. / etc.; Tokyo In-
ternational Patent Firm, 2nd Floor, Miyata
Building, 17-16, Nishi-Shimbashi 1-Chome,
Minato-Ku, Tokyo 105-0003 (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).
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-
- (51)⁷ A61B 5/055, G01R 33/48
(11) WO 03/041580 (13) A1
(21) PCT/JP02/11931
(22) 15 Nov/nov 2002 (15.11.2002)

- (25) ja (26) ja
- (30) 2001-350174 15 Nov/nov 2001 JP
(15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MAGNETIC RESONANCE IMAGING APPARATUS AND MAGNETIC RESONANCE IMAGING METHOD
• APPAREIL D'IMAGERIE PAR RESONANCE MAGNETIQUE ET PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE
- (71) HITACHI MEDICAL CORPORATION [JP/JP]; 1-1-14, Uchikanda, Chiyoda-ku, Tokyo 101-0047 (JP).
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- (72, 75) KOMURA, Kazumi [JP/JP]; 531-7, Matsudoshinden, Matsudo-shi, Chiba 270-2241 (JP). TAKAHASHI, Tetsuhiko [JP/JP]; 3-4-24-910, Sakae-cho, Soka-shi, Saitama 340-0011 (JP). NAGAO, Hisako [JP/JP]; 103-10-107, Nedo, Kashiwa-shi, Chiba 277-0831 (JP).
- (74) YOSHIOKA, Kohji; KN Bldg., 7-22-27, Nishishinjuku, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ A61B 5/103, G01L 1/04
- (11) WO 03/041581 (13) A1
- (21) PCT/US02/34310
- (22) 24 Oct/oct 2002 (24.10.2002)
- (25) en (26) en
- (30) 10/053,102 13 Nov/nov 2001 US
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD OF MANUFACTURING A LEAP-TYPE TESTING IMPLEMENT
• PROCEDE DE FABRICATION D'UN APPAREIL DE TEST POUR PROGRAMME LEAP
- (71, 72) FOX, Robert, B. [US/US]; 42 Tritown Circle, Mashpee, MA 02649 (US). HARDIMAN, Thomas, J. [US/US]; 9 Central Avenue, Plymouth, MA 02360 (US).
- (74) MICHAUD, Lisa, J.; Nutter McClennen & Fish LLP, World Trade Center West, 155 Seaport Boulevard, Boston, MA 02210-2604 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B 5/145
- (11) WO 03/041582 (13) A1
- (21) PCT/JP02/11871
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) ja (26) ja
- (30) 2001-350746 15 Nov/nov 2001 JP
(15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD OF MEASURING BIOLOGICAL COMPONENT CONCENTRATION AND APPARATUS THEREFOR
• TECHNIQUE ET APPAREIL DE MESURE DE LA CONCENTRATION D'UN COMPOSANT BIOLOGIQUE
- (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)
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- (54) • MEDICAL METHOD AND APPARATUS FOR OBTAINING INFRARED IMAGE
• PROCEDE MEDICAL ET APPAREIL D'OBTENTION D'UNE IMAGE INFRAROUGE
- (71, 72) YAN, Caijie [CN/CN]; 5/F Shengwuyuan, 70 Ke-yuan 4 Jie, High and New District, Chongqing 400041 (CN). WANG,

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- DISPOSITIF DE COMPRESSION ET APPAREIL DE MAMMOGRAPHIE
- (71) GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC [US/US]; 3000 North Grandview Blvd., Waukesha, WI 53188 (US).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- PROCEDE ET DISPOSITIF DESTINES A DEFINIR DES PARTIES AFFECTEES
- (71, 72) SAKAMOTO, Noriyasu [JP/JP]; 38-15, Doshida 2-chome, Nerima-ku, Tokyo 179-0076 (JP).
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- APPAREIL DE DIAGNOSTIC D'UNE FONCTION CHAOLIQUE DU CERVEAU
- (71) ELECTRONIC NAVIGATION RESEARCH INSTITUTE, AN INDEPENDENT ADMINISTRATIVE INSTITUTION [JP/JP]; 42-23, Jindaijigashi-machi 7-chome, Chofu-shi, Tokyo 182-0012 (JP). MITSUBISHI SPACE SOFTWARE CO., LTD. [JP/JP]; 4-1, Hamamatsu-cho 2-chome, Minato-ku, Tokyo 105-6137 (JP).
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- SONDE DE MESURE BIOLOGIQUE, INSTRUMENTE OPTIQUE DE MESURE BIOLOGIQUE METTANT CETTE SONDE EN APPLICATION ET INSTRUMENT DE MESURE DES FONCTIONS CEREBRALES
- (71) HITACHI, LTD. [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP). HITACHI MEDICAL CORPORATION [JP/JP]; 1-14, Uchikanda 1-chome, Chiyoda-ku, Tokyo 101-1147 (JP).
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- (54) • IMPEDANCE-MATCHING APPARATUS AND CONSTRUCTION FOR INTRAVASCULAR DEVICE
• APPAREIL D'ADAPTATION D'IMPEDANCE ET CONSTRUCTION D'UN DISPOSITIF INTRAVASCULAIRE
- (71) SCIMED LIFE SYSTEMS, INC. [US/US]; One SciMed Place, Maple Grove, MN 55331 (US).
- (72) TALPADE, Dnyanesh; 4903 Arrowood Lane, Plymouth, MN 55442 (US). SMITH, Scott, R.; 6950 County Road 10, Chaska, MN 55318 (US). EDMUNDS, Kevin, D.; 9824 Austin Street NE, Circle Pines, MN 55014 (US). LARSON, Kenneth, R.; 4794 Farmstead Drive, Monticello, MN 55362 (US).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • INTERNAL SAW FOR OSTEOTOMY OF TUBULAR BONES
• SCIE POUR OSTEOTOMIE INTERNE D'OS TUBULAIRES
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- (54) • BLOOD FLOW STOPPING INSTRUMENT FOR ENDOSCOPIC SURGERY
• INSTRUMENT DESTINE A STOPPER LE FLUX SANGUIN CONÇU POUR LA CHIRURGIE ENDOSCOPIQUE
- (71) STILLE SURGICAL AB [SE/SE]; P.O. Box 49300, S-100 29 Stockholm (SE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TERNSTRÖM, Staffan [SE/SE]; Svenstorp 4554, S-432 95 Varberg (SE).
- (74) AWAPATENT AB; Box 11394, S-404 28 Göteborg (SE).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • TARGETING DEVICE FOR A FRACTURE PIN
• DISPOSITIF DE VISEE DESTINE A UNE BROCHE A FRACTURE
- (71) TANTUM AG [DE/DE]; Mühlenhof 65, 24534 Neumünster (DE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JENSEN, Harm-Iven [DE/DE]; Hafkamp 16, 24214 Noer (DE).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • SURGICAL CLIP FOR PYLORIC TRAUMATOLOGICAL MYOPLASTY
• PINCE CHIRURGICALE POUR MYOPLASTIE TRAUMATOLOGIQUE PYLORIQUE
- (71, 72) CASTANON MORALES, Jorge [MX/MX]; Paseo de los Cedros #76, Fracc. Pinar de la Venta C.P., Guadalajara, Jalisco 45220 (MX).
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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 MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
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(22.07.2002)

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- (54) • PERCUTANEOUS CELLULITE RE-
MOVAL SYSTEM

• SYSTEME PERCUTANE D'ELIMINA-
TION DE LA CELLULITE

- (71) EXPANDING CONCEPTS, L.L.C.
[US/US]; Suite 1006, 10101 SE Main Street,
Portland, OR 97216 (US).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) BRETT, Darrell, C. [US/US]; 11530
SW Riverwood Road, Portland, OR 97219
(US).

- (74) OSTER, Karen, Dana; Law Office of Karen
Dana Oster, PMB 1020, 15450 SW Boones
Ferry Rd. #9, Lake Oswego, OR 97035 (US).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

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- (54) • TROCAR WITH IMPROVED FLAPPER
VALVE

• TROCART EQUIPE D'UNE SOUPEPE A
CLAPET AMELIOREE

- (71) NEOSURG TECHNOLOGIES [US/US];
17300 El Camino Real, Suite 110, Houston,
TX 77058 (US).

- (72) O'HEERON, Peter; Neosurg Technologies,
17300 El Camino Real, Suite 110, Houston,
TX 77058 (US). NEWLIN, Patrick; Neosurg
Technologies, 17300 El Camino Real, Suite
110, Houston, TX 77058 (US).

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Antonio, TX 78205-1521 (US).

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

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DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
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(51)⁷ A61B 17/58

(11) WO 03/041599 (13) A1

(21) PCT/US02/34457

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 10/014,434 9 Nov/nov 2001 US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • CLOSURE PLUG FOR OPEN-HEADED
MEDICAL IMPLANT

• TAMPON OBTURATEUR POUR IM-
PLANT MEDICAL A TETE OUVERTE

- (71, 72) JACKSON, Roger, P. [US/US]; Suite
600, 2750 Clay Edwards Drive, North Kansas
City, MO 64116 (US).

- (74) MCMAHON, John, C.; P.O. Box 30069,
Suite 410, 4700 Belleview, Kansas City, MO
64112 (US).

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

Published / Publiée : (c)

(51)⁷ A61B 17/68

(11) WO 03/041600 (13) A1

(21) PCT/US01/49644

(22) 9 Nov/nov 2001 (09.11.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

- (54) • SPINAL CABLE SYSTEM

• SYSTEME DE CABLE SPINAL

- (71, 72) WHITESIDE, Leo, A. [US/US]; White-
side Biomechanics, Inc., 12634 Olive Boule-
vard, St. Louis, MO 63141 (US).

- (74) CUNNINGHAM, William, B.; Polster,
Lieder, Woodruff & Lucchesi, L.C., 763
South New Ballas Road, St. Louis, MO
63141 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
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 17/70

(11) WO 03/041601 (13) A1

(21) PCT/CH01/00667

(22) 14 Nov/nov 2001 (14.11.2001)

(25) de (26) de

(43) 22 May/mai 2003 (22.05.2003)

- (54) • DEVICE FOR JOINING A LONGITUDI-
NAL SUPPORT WITH A BONE FIXA-
TION MEANS

• DISPOSITIF PERMETTANT D'ASSEM-
BLER UN SUPPORT LONGITUDINAL
ET UN MOYEN DE FIXATION OS-
SEUSE

- (71) SYNTHES AG CHUR [CH/CH]; Graben-
strasse 15, CH-7002 Chur (CH).

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

- (71) SYNTHES (U.S.A.) [US/US]; 1690 Russell
Road, P.O. Box 1766, Paoli, PA 19301-1222
(US).

(only for / seulement pour CA)

- (72, 75) DONATH, Raoul [DE/DE]; Lörracher-
strasse 27 f, 79639 Grenzach-Wyhlen (DE).

- (74) LUSUARDI, Werther; Dr. Lusuardi AG,
Kreuzbühlstrasse 8, CH-8008 Zürich (CH).

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

(51)⁷ A61B 18/18

(11) WO 03/041602 (13) A2

(21) PCT/US02/36275

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en
(30) 10/008,005 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • TISSUE ABLATION DEVICE AND METHODS OF USING

• DISPOSITIF D'ABLATION TISSULAIRE ET PROCÉDES D'UTILISATION

(63) US 10/008,005 (CIP)
13 Nov/nov 2001 (13.11.2001)

(71) MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH [US/US]; 200 First Street S.W., Rochester, MN 55905 (US).

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

(72, 75) FRIEDMAN, Paul, A. [US/US]; 1408 Woodland Drive S.W., Rochester, MN 55902 (US).

(74) ELLINGER, Mark, S.; Fish & Richardson P.C., P.A., Suite 3300, 60 South Sixth Street, 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ A61B 18/18

(11) WO 03/041603 (13) A1

(21) PCT/US02/36668

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/332,226 14 Nov/nov 2001 US
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • IMPROVED CATHETERS FOR CLOT REMOVAL

• CATHETER AMELIORE D'EVACUATION D'UN CAILLOT

(71) LATIS, INC. [US/US]; Suite 140, 8960 Springbrook Drive, Coon Rapids, MN 55433 (US).

(72) ZIEBOL, Robert; 13041 Jefferson Street NE, Blaine, MN 55434 (US). PORTER, Christopher, H.; 19756 Northeast 127th Place, Woodinville, WA 98072 (US).

(74) LANDO, Peter, C.; 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 TN 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61B 19/02, A61L 2/26

(11) WO 03/041604 (13) A1

(21) PCT/EP02/09749

(22) 31 Aug/août 2002 (31.08.2002)

(25) de (26) de

(30) 101 56 935.1 15 Nov/nov 2001 DE
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • STERILE CONTAINER

• CONTENANT STERILE

(71) AESCULAP AG & CO. KG [DE/DE]; Am Aesculap-Platz, 78532 Tuttlingen (DE).

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

(72, 75) GLEICHHAUF, Wilhelm [DE/DE]; Schauinslandstrasse 9, 78532 Tuttlingen-Möhlingen (DE). JAKAB, Mariana [DE/DE]; Beim Pfaffentale 13, 78532 Tuttlingen (DE). OERTMANN, Friedrich-Wilhelm [DE/DE]; Schützenstrasse 52/1, 78532 Tuttlingen (DE). RENNERT, Torsten [DE/DE]; Grundweg 9, 78532 Tuttlingen (DE). SCHUSTER, Stefan [DE/DE]; Martin-Luther-Weg 3, 78532 Tuttlingen (DE). SCHWANKE, Wolfgang [DE/DE]; Jahnstrasse 49, 78604 Riethem-Weilheim (DE).

(74) BÖHME, Ulrich et al. / etc.; Hoeger, Stellrecht & Partner, Uhlandstrasse 14c, 70182 Stuttgart (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ A61C 5/06, B05C 17/01, B01F 13/00, 5/06

(11) WO 03/041605 (13) A1

(21) PCT/EP02/12899

(22) 18 Nov/nov 2002 (18.11.2002)

(25) de (26) de

(30) 101 56 075.3 16 Nov/nov 2001 DE
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DEVICE FOR STORING, MIXING AND DISPENSING A FREE-FLOWING MATERIAL

• DISPOSITIF DE STOCKAGE, DE MÊLANGE ET D'EXTRACTION D'UNE MASSE APTE A L'ÉCOULEMENT

(71) 3M ESPE AG [DE/DE]; ESPE Platz, 82229 Seefeld (DE).

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

(72, 75) PAUSER, Helmut [DE/DE]; Methnerwiese 5, 86911 Diessen (DE). PEUKER, Marc [DE/DE]; Brunnenstraße 2, 86938 Schondorf (DE). HOHMANN, Arno [DE/DE]; Johann-Clanze-Strasse 105, 81369 München (DE).

(74) 3M ESPE AG; ESPE Platz, 82229 Seefeld (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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 TN 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ A61C 13/00, G05B 19/416

(11) WO 03/041606 (13) A2

(21) PCT/EP02/12738

(22) 14 Nov/nov 2002 (14.11.2002)

(25) de (26) de

(30) 101 56 156.3 15 Nov/nov 2001 DE
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PRODUCING DENTURES

• PROCÉDE DE PRODUCTION DE PROTHESE DENTAIRE

(71) 3M ESPE AG [DE/DE]; ESPE Platz, D-82229 Seefeld (DE).

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

(72, 75) SUTTOR, Daniel [DE/DE]; Franz-Krämer-Str. 4, D-82229 Seefeld (DE). SPRENGART, Thomas [DE/DE]; Ulrich-Kiffhaber-Strasse 4, D-86899 Landsberg (DE). SCHAAF, Michael [DE/DE]; Goethestrasse 5, D-82211 Herrsching (DE). HERTELIN, Guenter [DE/DE]; Eisenbahnstrasse 34, D-82110 Germering (DE).

(74) 3M ESPE AG; ESPE Platz, D-82229 Seefeld (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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

(u) for / pour US only / seulement

(51)⁷ A61C 13/08, A61F 2/02, A61L 27/00, C12N 5/06

(11) WO 03/041607 (13) A1

(21) PCT/JP02/11869

(22) 14 Nov/nov 2002 (14.11.2002)

(25) ja (26) ja

(30) 2001-349614 15 Nov/nov 2001 JP (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD OF CELL TAKING ON SURFACE OF ARTICLE WITH THREE-DIMENSIONAL STRUCTURE

• TECHNIQUE DE PRELEVEMENT DE CELLULES SUR UN ARTICLE A STRUCTURE TRIDIMENSIONNELLE

(71) RIKEN [JP/JP]; 2-1, Hiroswa, Wako-shi, Saitama 351-0198 (JP). CELL-MEDICINE, INC. [JP/JP]; 18-12, Chuo 1-chome, Ushiku-shi, Ibaraki 300-1234 (JP). (for all designated States except / pour tous les États désignés sauf US)

(71, 72) ISHIBASHI, Toshifumi [JP/JP]; 604-1, Namiki 3-chome, Tsukuba-shi, Ibaraki 305-0044 (JP).

(72, 75) OHNO, Tadao [JP/JP]; 18-12, Chuo 1-chome, Ushiku-shi, Ibaraki 300-1234 (JP).

(74) SIKS & CO.; 8th Floor, Kyobashi-Nisshoku Bldg., 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).

(81) BR CA CN KR US.

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

(51)⁷ A61C 15/04

(11) WO 03/041608 (13) A1

(21) PCT/KR02/02098

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) 2001-35163(U.M) 15 Nov/nov 2001 KR (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • TOOTH-CLEANING PAPER COMBINED WITH DENTAL FLOSS

• PAPIER DE POLISSAGE DENTAIRE COMBINE A UN FIL DE SOIE DENTAIRE

(71, 72) LEE, Jong-Soo [KR/KR]; 2-110 Jeil Apt., 240-15, sadang-5dong, Dongjak-gu, 156-095 SEOUL (KR).

(74) JOO, Won-Tae; Synergy International Patent and Law Office, 2F, T.S.K Bldg, 834-20, Yeoksam-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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A61F

(11) WO 03/041609 (13) A2

(21) PCT/US02/35076

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/331,196 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM AND METHOD FOR PERFORMING OPTICAL CORRECTIVE PROCEDURE WITH REAL-TIME FEEDBACK

• SYSTEME ET PROCEDE POUR REALISER UNE INTERVENTION DE CORRECTION OPTIQUE PAR RETROACTION EN TEMPS REEL

(71) WAVEFRONT SCIENCES, INC. [US/US]; 14180 Central Avenue, SE, Albuquerque, NM 87123 (US).

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

(72, 75) HEREKAR, Satish [US/US]; Apartment #E, 411 College Avenue, Palo Alto, CA 94306 (US). COPLAND, Richard, James [US/US]; 1831 Aliso NE, Albuquerque, NM 87110 (US). NEAL, Davis [US/US]; 601 Green Valley Drive, Albuquerque, NM 87123 (US). NEAL, Daniel, R. [US/US]; 17 Eric Alan Lane, Tijeras, NM 87059 (US).

(74) SPRINGER, Kenneth, D.; Volentine Francos, PLLC., 12200 Sunrise Valley Drive, Suite 150, Reston, Virginia 20191 (US).

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

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

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

(51)⁷ A61F

(11) WO 03/041610 (13) A2

(21) PCT/US02/35942

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 60/344,661 9 Nov/nov 2001 US (09.11.2001)

(30) 60/345,333 9 Nov/nov 2001 US (09.11.2001)

(30) 60/341,092 12 Dec/déc 2001 US (12.12.2001)

(30) 60/347,500 11 Jan/jan 2002 US (11.01.2002)

(30) 10/290,099 7 Nov/nov 2002 US (07.11.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • STENT DELIVERY DEVICE

• DISPOSITIF DE MISE EN PLACE D'ENDOPROTHESES

(71) RUBICON MEDICAL, INC. [US/US]; 2064 West Alexander, Sandy, UT 84093 (US).

(72) LINDER, Richard, J.; 7810 Chatsworth Court, Sandy, UT 84093 (US). EDMISTON, Daryl, R.; 9425 South Riverside Drive, No. 1811, Sandy, UT 84070 (US). JOHNSON, Steven, W.; 7684 South 2250 West, West Jordan, UT 84084 (US). SCHLEGEL, Karri, L.; 835 East 600 South, Salt Lake City, UT 84102 (US).

(74) ROY, Fraser, D. et al. / etc.; Workman, Nydegger & Seelye, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

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

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

(51)⁷ A61F

(11) WO 03/041611 (13) A2

(21) PCT/US02/36391

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/332,686 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • APPARATUS AND METHODS FOR MAKING INTRAOPERATIVE ORTHOPEDIC MEASUREMENTS

- APPAREIL ET PROCEDE PERMETTANT D'EFFECTUER DES MESURES ORTHOPEDIQUES PEROPERATOIRE
- (71, 72) **WHITE, Michael, R.** [US/US]; 4747 Forest Ridge Court, Rochester, MI 48306-1625 (US).
- (74) **JACKSON, Robert, R.** 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61F**
- (11) **WO 03/041612** (13) A2
- (21) PCT/US02/36492
- (22) **13 Nov/nov 2002 (13.11.2002)**
- (25) en (26) en
- (30) 09/992,277 **14 Nov/nov 2001 US (14.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • LATERAL STIFFENING SNORING TREATMENT
- TRAITEMENT DU RONFLEMENT PAR RAIDISSEMENT LATERAL
- (71) **RESTORE MEDICAL, INC.** [US/US]; 2800 Patton Road, St. Paul, MN 55113 (US).
- (72) **STEVENS, Walter, J.**; 10291 Grand Valley Lane, Woodbury, MN 55129 (US). **METZGER, Anja, K.**; 10653 - 69th Street North, Stillwater, MN 55082 (US). **WALTER, Larry, A.**; 2120 Memorial Parkway, Minneapolis, MN 55412 (US). **KNUDSON, Mark, B.**; 1309 West Royal Oaks Drive, Shoreview, MN 55126 (US). **CONRAD, Timothy, R.**; 12557 Riverview Road, Eden Prairie, MN 55347 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (i)
-
- (51)⁷ **A61F 2/00**
- (11) **WO 03/041613** (13) A1
- (21) PCT/EP02/12652
- (22) **12 Nov/nov 2002 (12.11.2002)**
- (25) en (26) en
- (30) 101 55 842.2 **14 Nov/nov 2001 DE (14.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • AREAL IMPLANT
- IMPLANT DE REPARATION TISSULAIRE
- (71) **ETHICON GMBH [DE/DE]**; Robert-Koch-Strasse 1, 22851 Norderstedt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PRIEWE, Jörg [DE/US]**; 3505 Pinhorn Drive, Bridgewater, NJ 08807 (US). **HARTKOP, Birgit [DE/DE]**; Groten Graben 5, 23919 Berkenthin (DE). **SCHULDT-HEMPE, Barbara [DE/DE]**; Rosenstrasse 23, 24576 Bad Bramstedt (DE). **WALTHER, Christoph [DE/DE]**; Dorfstrasse 35, 24568 Kattendorf (DE). **HOLSTE, Jörg [DE/DE]**; Steindamm 38, 22844 Norderstedt (DE).
- (74) **BOTH, Georg et al. / etc.**; Uexküll & Stolberg, Beselerstrasse 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61F 2/00**
- (11) **WO 03/041614** (13) A1
- (21) PCT/FR02/03826
- (22) **7 Nov/nov 2002 (07.11.2002)**
- (25) fr (26) fr
- (30) 01/14804 **15 Nov/nov 2001 FR (15.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DEVICE FOR PACKAGING AND FOLDING A FLEXIBLE MATERIAL PART, IN PARTICULAR A PARIETAL REINFORCEMENT
- DISPOSITIF D'EMBALLAGE ET DE PLIAGE D'UNE PIECE EN MATERIAU SOUPLE, NOTAMMENT D'UN RENFORT PARIETAL
- (71) **SOFRADIM PRODUCTION [FR/FR]**; 116 avenue de Formans, F-01600 Trevoux (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DETRUIT, Bernard [FR/FR]**; 17 rue Ferdinand Chartier, F-92210 Saint-Cloud (FR). **THERIN, Michel [FR/FR]**; 19 Grande Rue de la Croix Rousse, F-69004 Lyon (FR). **BAILLY, Pierre [FR/FR]**; 55bis Chemin des Peupliers, F-69300 Caluire (FR).
- (74) **CABINET GERMAIN & MAUREAU**; 12 rue Boileau, F-69006 Lyon (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ **A61F 2/01, 2/06, A61B 17/12, C22F 1/00, A61B 6/00**
- (11) **WO 03/041615** (13) A1
- (21) PCT/EP02/12617
- (22) **12 Nov/nov 2002 (12.11.2002)**
- (25) de (26) de
- (30) 101 55 191.6 **12 Nov/nov 2001 DE (12.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MEDICAL IMPLANT
- IMPLANT MEDICAL
- (71) **DENDRON GMBH [DE/DE]**; Universitätsstrasse 142, 44799 Bochum (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HENKES, Hans [DE/DE]**; Alfred-Krupp-Str. 59, 44799 Bochum (DE). **MONSTADT, Hermann [DE/DE]**; Haarstrasse 61, 44797 Bochum (DE). **SPEDEK, Jürgen [DE/DE]**; Lerchenweg 44, 44807 Bochum (DE). **KONTEK, Ronald [DE/DE]**; Burgstrasse 1, 44651 Herne (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
-
- (51)⁷ **A61F 2/14**
- (11) **WO 03/041616** (13) A1
- (21) PCT/US02/35778
- (22) **8 Nov/nov 2002 (08.11.2002)**
- (25) en (26) en
- (30) 09/986,775 **9 Nov/nov 2001 US (09.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND APPARATUS FOR ALIGNMENT OF INTRACORNEAL INLAY
- PROCEDE ET APPAREIL D'ALIGNEMENT D'UNE GREFFE INTRACORNEENNE

(71, 72) PEYMAN, Gholam, A. [US/US]; 8654 Pontchartrain Blv., Unit #1, New Orleans, LA 70124 (US).

(74) HOWELL, Jeffrey, J. et al. / etc.; 1300 19th Street, Suite 600, Washington, DC 20036 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61F 2/24

(11) WO 03/041617 (13) A1

(21) PCT/US02/36242

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 60/332,353 13 Nov/nov 2001 US (13.11.2001)

(30) 10/267,272 9 Oct/oct 2002 US (09.10.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MITRAL VALVE ANNULOPLASTY RING FOR MOLDING LEFT VENTRICLE GEOMETRY

• BAGUE D'ANNULOPLASTIE DE VALVE MITRALE POUR LE MOULAGE DE LA GEOMETRIE DU VENTRICULE GAUCHE

(71) EDWARDS LIFESCIENCES CORPORATION [US/US]; One Edwards Way, Irvine, CA 92614 (US).

(72) BOLLING, Steven, F., M., D.; 3456 Daleview Dr., Ann Arbor, MI 48105 (US). RHEE, Richard, S.; 24344 Darrin Drive, Diamond Bar, CA 91765 (US).

(74) JAMES, John, Christopher et al. / etc.; One Edwards Way, 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A61F 2/44

(11) WO 03/041618 (13) A2

(21) PCT/FR02/03911

(22) 15 Nov/nov 2002 (15.11.2002)

(25) fr (26) fr

(30) 01/14766 15 Nov/nov 2001 FR (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • POSTERIOR VERTEBRAL JOINT PROSTHESIS

• PROTHESE D'ARTICULATION VERTEBRALE POSTERIEURE

(71, 72) LOUIS, René [FR/FR]; 4 bis, Impasse du Roc-Fleuri, F-13008 Marseille (FR). TROPIANO, Patrick [FR/FR]; 1, rue Martiny, Le Mendoza, F-13008 Marseille (FR). BRONSARD, Jean-Jacques [FR/FR]; 10, impasse Vermer, F-13007 Marseille (FR). LOUIS, Christian [FR/FR]; 122, chemin Carreirade d'Allauch, F-13400 Aubagne (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61F 2/78

(11) WO 03/041619 (13) A1

(21) PCT/SE02/01483

(22) 21 Aug/août 2002 (21.08.2002)

(25) sv (26) en

(30) 0103186-3 26 Sep/sep 2001 SE (26.09.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • LOCK MECHANISM ON A PROSTHETIC DEVICE

• MECANISME DE VERROUILLAGE SITUÉ SUR UN DISPOSITIF PROTHÉTIQUE

(71) CENTRI AB [SE/SE]; Datavägen 6, S-175 43 JÄRFÄLLA (SE).

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

(72, 75) HELLBERG, Kennet [SE/SE]; Mörbylundsvägen 40, S-175 43 VALLENTUNA (SE).

(74) DR LUDWIG BRANN PATENTBYRÅ AB, Carlåke Andersson; Box 1344, Drottninggatan 7, S-751 43 UPPSALA (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ

CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61F 4/00

(11) WO 03/041620 (13) A1

(21) PCT/IB02/04329

(22) 15 Oct/oct 2002 (15.10.2002)

(25) es (26) es

(30) 01-97735 15 Nov/nov 2001 CO (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FEMALE URINARY DEVICE

• DISPOSITIF URINAIRE FEMENIN

(71, 72) PALACIO, Julio, Anibal [CO/CO]; Aut. Sur 30-91, Bogotá (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

Published / Publiée : (b)

(51)⁷ A61F 5/00

(11) WO 03/041621 (13) A1

(21) PCT/US02/36505

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 10/008,545 13 Nov/nov 2001 US (13.11.2001)

(30) 10/208,564 29 Jul/juil 2002 US (29.07.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • COMPRESSION GARMENT FOR SELECTIVE APPLICATION OF TREATMENT OF LYMPHEDEMA AND RELATED ILLNESSES MANIFESTED AT VARIOUS LOCATION OF THE BODY

• VETEMENT DE COMPRESSION DESTINE A UNE APPLICATION SELEC-TIVE, POUR LE TRAITEMENT DE LYMPHOEDEME ET DE MALADIES ASSOCIEES SE MANIFESTANT AU NIVEAU DE DIVERSES PARTIES DU CORPS

(71, 72) KLOECKER, Richard, J. [US/US]; #8 Outer Ladue Road, St. Louis, MO 63131

- (US). **SCHIEN, Kent, F.** [US/US]; 1514 Wimborne Ct, Chesterfield, MO 63017 (US). **MUIR, James, A.** [US/US]; 412 Tumulty, Ballwin, MO 63021 (US).
- (74) **DENK, Paul, M.**; Paul Denk Law Firm, 763 S. New Ballas Road, St. Louis, MO 63141 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61F 9/00

(11) WO 03/041622 (13) A2

(21) PCT/US02/33557

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 09/987,134 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • DELIVERY DEVICES FOR FLOW REGULATING IMPLANTS
• DISPOSITIFS DE MISE EN PLACE D'IMPLANTS DE REGULATION DE FLUX

(71) **OPTONOL LTD.** [IL/IL]; Kiryat Hatikshoret, 90850 Neve Ilan (IL).

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

(71) **WERNER, Mary, C.** [US/US]; 0-155 Blue Hill Avenue, Fair Lawn, NJ 07410 (US). (only for / seulement pour BB)

(72) **NISSAN, Oded**; Mantur st. 11-8, 71700 Modiin (IL). **BEN-RIMON, Sagi**; Moshe Kol st. 45-1, 93715 Jerusalem (IL). **YARON, Ira**; 215 Har Adar, 93836 (IL).

(74) **RINGEL, Douglas et al.** / etc.; Kenyon & Kenyon, 1500 K Street, N.W., Suite 700, Washington, DC 20005 (US).

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

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

(51)⁷ A61F 9/008

(11) WO 03/041623 (13) A1

(21) PCT/IL02/00872

(22) 3 Nov/nov 2002 (03.11.2002)

(25) en (26) en

(30) 60/331,402 15 Nov/nov 2001 US (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • NON-PENETRATING FILTRATION SURGERY
• CHIRURGIE DE FILTRATION NON PENETRANTE

(63) US 60/331,402 (CIP) 15 Nov/nov 2001 (15.11.2001)

(71) **OPTOTECH LTD.** [IL/IL]; P.O. Box 732, 17108 Nazereth Ilit (IL).

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

(72, 75) **SLATKINE, Michael** [IL/IL]; 28 Smadar Street, 46433 Herzelia (IL). **AS-SIA, Ehud** [IL/IL]; 9 Kehilat Pozna, 69989 Tel-Aviv (IL). **HAREL, Alex** [IL/IL]; 19 Habrosh Street, 56530 Savyon (IL). **SHARGIL, Adi** [IL/IL]; P.O. Box 250, 60910 Bnei Zion (IL).

(74) **FENSTER, Paul et al.** / etc.; Fenster & Company Patent Attorneys, Ltd., P.O. Box 10256, 49002 Petach Tikva (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A61F 13/15

(11) WO 03/041624 (13) A1

(21) PCT/US02/13339

(22) 26 Apr/avr 2002 (26.04.2002)

(25) en (26) en

(30) 10/010,110 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • FLUID FLOW DEVICE AND METHOD FOR POSITIONING GARMENT SIDE PANELS

- DISPOSITIF D'ECOULEMENT DE FLUIDE ET PROCEDE DE POSITIONNEMENT DE PANNEAUX LATERAUX D'UN ARTICLE

(71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) **TOMSOVIC, Charles, Robert**; 7440 Oak Hill Road, Omro, WI 54963 (US). **BRUPKA, Kurt, Garrett**; 942 Riverlawn Street, Neenah, WI 54956 (US). **MAX-TON, David, Albert**; 1223 Geneva Road, Menasha, WI 54952 (US). **POPP, Robert, Lee**; 805 Giese Street, Hortonville, WI 54944 (US). **PROTHEROE, Michael, William**; 424 Tenth Street, Neenah, WI 54956 (US). **THORSON, Timothy, Alan**; 709 E. Hoover

Avenue, Appleton, WI 54915 (US). **VOGT, Brian, Robert**; 7095 Fahley Road, Oshkosh, WI 54904 (US). **WANNER, Michael, John**; 2033 Russett Court, #7, Appleton, WI 54914 (US). **WILLIAMSON, Thomas, Earl**; 1007 Leminwah Street, Appleton, WI 54911 (US).

(74) **GAGE, Thomas, M. 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 TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

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

(t) for all designations / pour toutes les désignations

(51)⁷ A61F 13/15

(11) WO 03/041625 (13) A1

(21) PCT/US02/35812

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 60/345,314 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • DISPOSABLE NONWOVEN UNDERGARMENTS
• SOUS-VETEMENTS JETABLES EN NON TISSE

(71) **POLYMER GROUP, INC.** [US/US]; 4838 Jenkins Avenue, North Charleston, SC 29406 (US).

(72) **BRIDGES, Cliff**; 2407 Wood Meadow Road, Greensboro, NC 27445 (US).

(74) **GEIMER, Stephen, D.**; Wood, Philips, Katz, Clark & Mortimer, Suite 3800, Citicorp Center, 500 West Madison Street, Chicago, IL 60661-2511 (US).

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

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

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

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(51)⁷ A61F 13/15

(11) WO 03/041626 (13) A1

(21) PCT/US02/36059

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 09/987,196 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ABSORBENT ARTICLE HAVING ZONED AREAS OF HYDROPHILICITY
• ARTICLE ABSORBANT POSSEDANT DES ZONES A CARACTERE HYDROPHILE DELIMITEES

(71) PARAGON TRADE BRANDS, INC. [US/US]; 180 Technology Parkway, Norcross, GA 30092 (US).

(72) ERDMAN, Carol, L.; 3550 Grove Park Drive, Duluth, GA 30096 (US).

(74) CAMPBELL, Christopher, C. et al. / etc.; Intellectual Property Department, Hutton & Williams, Suite 1200, 1900 K Street, N.W., Washington, DC 20006-1109 (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 UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61F 13/15

(11) WO 03/041627 (13) A2

(21) PCT/US02/36748

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/332,122 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD OF MANUFACTURING AN ELASTICIZED COMPOSITE MATERIAL
• PROCEDE DE FABRICATION D'UNE MATIERE COMPOSITE ELASTIQUE

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) JOHNSON, Larry, Kenneth; 714 Maple Ridge Road, Milford, OH 45150 (US).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model

/ modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

Declarations / Déclarations :

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

(t) for all designations / pour toutes les désignations

(51)⁷ A61G

(11) WO 03/041628 (13) A2

(21) PCT/BR02/00154

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) PI 0105828-2 13 Nov/nov 2001 BR (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • LOCOMOTION DEVICE FOR PHYSICALLY DISABLED PERSONS
• DISPOSITIF LOCOMOTEUR POUR PERSONNE HANDICAPEE

(71) ASSOCIAÇÃO DAS PIONEIRAS SOCIAIS [BR/BR]; SMHS Quadra 501, conjunto A, 70335-901 Brasília - DF (BR).

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

(72, 75) DUARTE, Cláudio, Blois [BR/BR]; SQS 208, bloco J - apt 103, 70254-100 Brasília - DF (BR).

(74) ARNAUD, Antonio, M., P. et al. / etc.; Rua José Bonifácio, 93 - 9th floor, 01003-901 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61G 5/02

(11) WO 03/041629 (13) A1

(21) PCT/NL02/00726

(22) 12 Nov/nov 2002 (12.11.2002)

(25) nl (26) en

(30) 1019351 12 Nov/nov 2001 NL (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DEVICE FOR ARRANGING A BUNCH OF FLOWERS

• DISPOSITIF POUR LA PRESENTATION D'UN BOUQUET DE FLEURS

(71, 72) VAN ZUYLEN, André [NL/NL]; Vliet Z.Z. 46, NL-2231 GJ Rijnsburg (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61H 5/00

(11) WO 03/041630 (13) A1

(21) PCT/CN01/01656

(22) 31 Dec/déc 2001 (31.12.2001)

(25) zh (26) zh

(30) 01 1 35001.6 14 Nov/nov 2001 CN (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • BINOCULAR MYOPIA PHYSIOTHERAPY APPARATUS

• APPAREIL DE PHYSIOTHERAPIE DE LA MYOPIE BINOCULAIRE

(71, 72) SU, Hongquan [CN/CN]; 1-141 Room, 6 Building, Shuiqingmuhayuan, 13 Zhongguancun Beiertiao, Haidian District, Beijing 100080 (CN).

(74) BEIJING ZHONGZI LAW OFFICE; 3rd, Tower C, Jiancai Building, 11A, Sanlihe Road, Haidian District, 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.

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

- (51)⁷ A61H 01/00
(11) WO 03/041631 (13) A1
(21) PCT/US02/35784
(22) 7 Nov/nov 2002 (07.11.2002)
(25) en (26) en
(30) 09/992,967 14 Nov/nov 2001 US
(14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • DEVICE AND PROCEDURE TO TREAT CARDIAC ATRIAL ARRHYTHMIAS
• DISPOSITIF ET METHODE DE TRAITEMENT D'ARYTHMIES ATRIALES CARDIAQUES
(71) SCIENCE MEDICUS, INC. [US/US]; 4790 Caughlin Parkway #525, Reno, NV 89509 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SCHULER, Eleanor [US/US]; 2201 Spruce Needle Road, Rio Rancho, NM 87124 (US). LEE, Claude, K. [US/US]; 4870 East Creek Ridge Trail, Reno, NV 89509 (US).
(74) LEE, Jr., William M.; Lee, Mann, Smith, McWilliams, Sweeney & Ohlson, P.O.Box 2786, Chicago, IL 60690--2786 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ A61J
(11) WO 03/041632 (13) A2
(21) PCT/US02/33640
(22) 14 Nov/nov 2002 (14.11.2002)
(25) en (26) en
(30) 60/331,292 14 Nov/nov 2001 US
(14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • EUTECTIC-BASED SELF-NA-NOEMULSIFIED DRUG DELIVERY SYSTEM
• SYSTÈME D'ADMINISTRATION DE MÉDICAMENT SOUS FORME D'AUTO-NANOÉMULSION À BASE EUTECTIQUE
(71) TEXAS TECH UNIVERSITY [US/US]; Texas Tech University Health Sciences Center, P.O. Box 42007, Lubbock, TX 79409-2007 (US).
(72) KHAN, Mansoor, A.; Texas Tech School of Pharmacy, 1300 Coulter, Amarillo, TX 79106 (US). NAZZAL, Sami; Texas Tech School of Pharmacy, 1300 Coulter, Amarillo, TX 79106 (US).
(74) YANCY, Jennifer, P.; Jones, Tullar & Cooper, P.C., P.O. Box 2266, Eads Station, 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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ A61J
(11) WO 03/041633 (13) A2
(21) PCT/US02/34825
(22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 10/054,510 13 Nov/nov 2001 US
(13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • NIPPLE
• TETINE
(71) PLAYTEX PRODUCTS, INC. [US/US]; 300 Nyala Farms Road, Westport, CT 06880 (US).
(72) RENZ, Charles, John; 11 Macy Road, Briarcliff Manor, NY 10510 (US).
(74) RUGGIERO, Charles, N., J.; Ohlandt, Greeley, Ruggiero & Perle, LLP, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51) A61J 1/10
(11) WO 03/041634 (13) A2
(21) PCT/EP02/11564
(22) 16 Oct/oct 2002 (16.10.2002)
(25) de (26) de
(30) 101 51 343.7 22 Oct/oct 2001 DE
(22.10.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • BAG SYSTEM FOR CRYOPRESERVATION OF BODY FLUIDS
• SYSTEME DE SACHET POUR LA CRYOCONSERVATION DE LIQUIDES ORGANIQUES
(71) VITA 34 AG [DE/DE]; Nonnenstrasse 37, 04229 Leipzig (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) LAMPETER, Eberhard, F. [DE/DE]; Lausicker Strasse 64, 04299 Leipzig (DE).

- EGGER, Dietmar [DE/DE]; Austrasse 64, 72116 Mössingen (DE).
(74) MÜLLER, Volkmar; Könnerritzstrasse 114, 04229 Leipzig (DE).
(81) CN JP US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
(51)⁷ A61K
(11) WO 03/041635 (13) A2
(21) PCT/US02/30198
(22) 24 Sep/sep 2002 (24.09.2002)
(25) en (26) en
(30) 60/324,445 24 Sep/sep 2001 US
(24.09.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHODS AND COMPOSITIONS FOR THERAPEUTIC TREATMENT OF CATHEPSIN K COMPLEX-MEDIATED DISORDERS
• PROCEDES ET COMPOSITIONS POUR UN TRAITEMENT THERAPEUTIQUE DE TROUBLES MEDIES PAR UN COMPLEXE DE CATHEPSINE K
(71) MOUNT SINAI SCHOOL OF MEDICINE [US/US]; One Gustave, L. Levy Place, Box 1675, New York, NY 10029-6574 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BROMME, Dieter [US/US]; 29 Winthrop Court, Tenafly, NJ 07670 (US).
(74) GREGG, Valeta, A.; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ A61K
(11) WO 03/041636 (13) A2
(21) PCT/US02/32579
(22) 11 Oct/oct 2002 (11.10.2002)
(25) en (26) en
(30) 10/039,746 9 Nov/nov 2001 US
(09.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • TOPICAL COSMETIC COMPOSITION WITH SKIN REJUVENATION BENEFITS
• COMPOSITION COSMETIQUE TOPIQUE PERMETTANT LE RAJEUNISSEMENT DE LA PEAU
(71) AVON PRODUCTS, INC. [US/US]; 1251 Avenue of the Americas, New York, NY 11020-1196 (US).

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

- (72, 75) LU, **Michelle** [CN/US]; 196-05A 67 Avenue, Freshmeadows, NY 11365 (US). **DUGGAN, Michelle** [US/US]; 33 Kennedy Terrace, Middletown, NY 10940 (US). **MENON, Gopinathan, K.** [IN/US]; 9 Miller Road, Wayne, NJ 07470 (US). **THEOPHILUS, Eugenia, H.** [RO/US]; 3613 Squiregood Drive, Clemmons, NC 27012 (US). **DOKKA, Sujatha** [US/US]; 1273 Avenida Fragata, San Marcos, CA 92069 (US). **WANG, Helen** [CN/US]; 1 Bell Court, Suffern, NY 10901 (US).
- (74) **RUGGIERO, Charles, N., J.**; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., 10 th Floor, 1 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

- (11) WO 03/041637 (13) A2
(21) PCT/US02/33272
(22) 18 Oct/oct 2002 (18.10.2002)
(25) en (26) en
(30) 60/342,063 9 Nov/nov 2001 US (09.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • LYOPHILIZED MONOCLONAL ANTI-BODY COMPOSITIONS
• COMPOSITIONS LYOPHILISEES D'ANTICORPS MONOCLONAUX
- (71) **CENTOCOR, INC.** [US/US]; 200 GREAT VALLEY PARKWAY, R-C-2, MALVERN, PA 19355 (US).
- (72) **CHEN, Tracy**; 1745 TOWNE DRIVE, WEST CHESTER, PA 19380 (US). **TOLMAN, Glen**; Stettenerstrasse 40, CH-CH-8207 SCHAFFHAUSEN, SWITZERLAND (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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(r) for all designations / pour toutes les désignations

- (51)⁷ A61K
(11) WO 03/041638 (13) A2
(21) PCT/US02/34426
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 10/010,316 13 Nov/nov 2001 US (13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • SUPPOSITORY BASE
• BASE DE SUPPOSITOIRE
- (71, 72) **NAZI, Sarfaraz, K.** [US/US]; 20 Riverside Drive, Deerfield, IL 60015 (US).
- (74) **SHEKLETON, Gerald, T. 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

- (11) WO 03/041639 (13) A2
(21) PCT/US02/34664
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 60/340,723 30 Oct/oct 2001 US (30.10.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • METHODS AND COMPOSITIONS FOR TREATING ROTAVIRUS-MEDIATED DISEASE
• METHODES ET PREPARATIONS POUR LE TRAITEMENT DE MALADIES A ROTAVIRUS
- (71) **MICROBIOTIX, INC.** [US/US]; One Innovation Drive, 3 Biotech, 4th Floor, Worcester, MA 01605 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **TAKAHASHI, Kazuo** [JP/JP]; 30-6, Hachigatsuuchi, Oguraji, Fukushima-shi, Fukushima 960-8142 (JP). **SHIGETA, Shiro** [JP/JP]; 147-28, Kubouchi, Oomori, Fukushima-shi, Fukushima 960-1101 (JP).

- (74) **YANKWICH, Leon, R. et al.** / etc.; Yankwich & Associates, 201 Broadway, Cambridge, MA 02139 (US).

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

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

(51)⁷ A61K

- (11) WO 03/041640 (13) A2
(21) PCT/US02/35732
(22) 7 Nov/nov 2002 (07.11.2002)
(25) en (26) en
(30) 60/332,302 9 Nov/nov 2001 US (09.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • METHODS FOR TREATING ISCHEMIC REPERFUSION INJURY USING IKB KINASE-BETA INHIBITORS
• METHODES DE TRAITEMENT D'UNE LESION D'ISCHEMIE-REPERFUSION AU MOYEN D'INHIBITEURS DE L'ISG(K)B KINASE-SG(B)

- (71) **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02114 (US).

- (72) **ROSENZWEIG, Anthony**; 425 Woodward Street, Newton, MA 02468 (US). **AHN, Youngkeun**; 103-1301, Hyundai APT, Munheung-GIGU, Buk-Ku, Kwangju 500-110 (KR).

- (74) **ELBING, Karen, L.**; Clark & Elbing 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K

- (11) WO 03/041641 (13) A2
(21) PCT/US02/35779
(22) 7 Nov/nov 2002 (07.11.2002)
(25) en (26) en
(30) 60/346,377 9 Nov/nov 2001 US (09.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • TETRAHYDROISOQUINOLINE ANALOGS AS MODULATORS OF CHEMOKINE RECEPTOR ACTIVITY
• ANALOGUES DE TETRAHYDROISOQUINOLINE UTILES COMME MODULATEURS DE L'ACTIVITE DU RECEPTEUR DES CHIMIOKINES

- (71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P. O. Box 4000, Route 206 and

- Provinceline Road, Princeton, NJ 08543-4000 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HERMSMEIER, Mark, Alden [US/US]; 13 Ramapo Trail, Somerville, NJ 08876 (US). RAWLINS, David, B. [US/US]; 219 Vernon Road, Morrisville, PA 19067 (US). WITYAK, John [US/US]; 25 Jared Drive, Robbinsville, NJ 08691 (US).
- (74) DUNCAN, Laurelee et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) WO 03/041642 (13) A2
(21) PCT/US02/35871
(22) 8 Nov/nov 2002 (08.11.2002)
(25) en (26) en
(30) 60/344,912 9 Nov/nov 2001 US (09.11.2001)
(30) 60/367,320 25 Mar/mar 2002 US (25.03.2002)
(43) 22 May/mai 2003 (22.05.2003)
(54) • POLYMERIC THIOL-LINKED PRODRUGS EMPLOYING BENZYL ELIMINATION SYSTEMS
• PROMEDICAMENTS POLYMERES A LIAISON THIOL UTILISANT DES SYSTEMES D'ELIMINATION DE BENZYLE
(71) ENZON, INC. [US/US]; 685 Route 202/206, Bridgewater, NJ 08807 (US).
(72) CHOE, Yun, Hwang; 9 Greenbrier Road, Green Brook, NJ 08812 (US). GREENWALD, Richard, B.; 113 Hickory Road, Somersct, NJ 08873 (US).
(74) MERCANTI, Michael, N.; Roberts & Mercanti, L.L.P., P.O. Box 3156, 105 Lock Street, Suite 203, Newark, NJ 07103-0156 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) WO 03/041644 (13) A2
(21) PCT/US02/35938
(22) 8 Nov/nov 2002 (08.11.2002)
(25) en (26) en
(30) 60/337,919 9 Nov/nov 2001 US (09.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • HSP90-INHIBITING ZEARALANOL COMPOUNDS AND METHODS OF PRODUCING AND USING SAME
• COMPOSES DE ZEARALANOL INHIBANT HSP90 ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION
(71) CONFORMA THERAPEUTICS CORPORATION [US/US]; 9393 Towne Centre Drive, Suite 240, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) KASIBHATLA, Srinivas, Rao [US/US]; 13073 Dressage Lane, San Diego, CA 92130 (US). LE BRAZIDEC, Jean-Yves [FR/US]; 10978 West Ocean Air Drive, San Diego, CA 92130 (US). McHUGH, Sean, Konrad [US/US]; 3418 Waco Street, Apt. 3, San Diego, CA 92117 (US). BOEHM, Marcus, F. [US/US]; 38833 Lamont Street, # 4E, San Diego, CA 92109 (US).
(74) KREUSSER, Edward, O.; Brobeck, Phleger & Harrison LLP, 12390 El Camino Real, San Diego, CA 92130 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(11) WO 03/041644 (13) A2
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(22) 8 Nov/nov 2002 (08.11.2002)
(25) en (26) en
(30) 60/338,209 9 Nov/nov 2001 US (09.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD TO TREAT CYSTIC FIBROSIS
• PROCEDE DE TRAITEMENT DE LA MUCOVISCIDOSE
(71) SCIOS INC. [US/US]; 749 North Mary Avenue, Sunnyvale, CA 94086 (US).
(72) HIGGINS, Linda, S.; 3610 Louis Road, Palo Alto, CA 94303 (US). LIU, David, Y.; 201 Ferne Avenue, Palo Alto, CA 94306 (US). PROTTER, Andrew, A.; 185 N. California Avenue, Palo Alto, CA 94301 (US).
(74) MURASHIGE, Kate, H. et al. / etc.; Morrison & Foerster LLP, 3811 Valley Centre Drive, Suite 500, San Diego, CA 92130-2332 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(11) WO 03/041645 (13) A2
(21) PCT/US02/35957
(22) 8 Nov/nov 2002 (08.11.2002)
(25) en (26) en
(30) 60/337,984 9 Nov/nov 2001 US (09.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD OF VACCINATING A HUMAN PATIENT TO PREVENT METASTATIC TUMORS
• METHODE DE VACCINATION D'UN PATIENT HUMAIN POUR PREVENIR LES TUMEURS METASTATIQUES
(71) CHIRON CORPORATION [US/US]; 4560 Horton Street, Emeryville, CA 94608-2916 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) YU, Ning, Y. [—/US]; Chiron Corporation, P.O. Box 8097, Emeryville, CA 94608 (US). LIN, Jian-Min [—/US]; Chiron Corporation, P.O. Box 8097, Emeryville, CA 94608 (US). TRESSLER, Robert, J. [—/US]; Chiron Corporation, P.O. Box 8097, Emeryville, CA 94608 (US). JONES, Richard, E. [—/US]; Chiron Corporation, P.O. Box 8097, Emeryville, CA 94608 (US).
(74) COLLIER, Steven, W. et al. / etc.; Chiron Corporation, Intellectual Property R338, P.O. Box 8097, Emeryville, CA 94662-8097 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) WO 03/041646 (13) A2
(21) PCT/US02/36257

- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 60/350,477 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • L-DOPA ETHYL ESTER SALTS AND USES THEREOF
• SELS DE L-DOPA ETHYLESTER ET LEURS UTILISATIONS
- (63) US 60/350,477 (CIP) 13 Nov/nov 2001 (13.11.2001)
- (71) TEVA PHARMACEUTICAL INDUSTRIES, LTD. [IL/IL]; 5 Basel Street, P.O. Box 3190, 49131 Petach-Tikva (IL).
(for all designated States except / pour tous les États désignés sauf BB US)
- (71) TEVA PHARMACEUTICALS USA, INC. [US/US]; 1090 Horsham Road, North Wales, PA 19454 (US).
(only for / seulement pour BB)
- (72, 75) FRENKEL, Anton [IL/IL]; 18/6 Emek Ayalon Street, 71700 Modiin (IL). LI-DOR-HADAS, Ramy [IL/IL]; 19 Mor Street, 44242 Kafar-Saba (IL).
- (74) WHITE, John, P.; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 03/041647 (13) A2
- (21) PCT/US02/36269
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/332,802 14 Nov/nov 2001 US (14.11.2001)
- (30) 60/342,273 21 Dec/déc 2001 US (21.12.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SYNTHESIS AND PURIFICATION OF VALACYCLOVIR
• SYNTHÈSE ET PURIFICATION DE VALACYCLOVIR
- (71) TEVA PHARMACEUTICAL INDUSTRIES LTD. [IL/IL]; 5 Basel Street, P.O. Box 3190, 49131 Petach Tikva (IL).
(for all designated States except / pour tous les États désignés sauf BB US)
- (71) TEVA PHARMACEUTICALS USA, INC. [US/US]; 1090 Horsham Road, P.O.Box 1090, North Wales, PA 19454-1090 (US).
(only for / seulement pour BB)
- (72, 75) ETINGER, Marina, Yu [IL/IL]; Ha-Savion 14/1, Neshet 36822 (IL). YU-DOVICH, Lev, M. [IL/IL]; Taanach 24/10, 32161 Haifa (IL). YUZEFOVICH, Michael [IL/IL]; Yad Labanim 198/9, 32687 Haifa (IL). NISNEVICH, Gennady, A. [IL/IL]; Netiv Hen 81/70, 32688 Haifa (IL). DOLITZKI, Ben, Zion [IL/IL]; Lochame-Hageto St., 49651 Petach-Tikva (IL). PERTSIKOV, Boris [IL/IL]; Netiv Harimon 4, 36781 Neshet (IL). TISHIN, Boris [IL/IL]; 46/63 Leon Blum Street, 33855 Haifa (IL). BLASBERGER, Dina [IL/IL]; Havered Street 8/3, 43523 Raanana (IL).
- (74) BRAINARD, Charles, R.; Kenyon & Kenyon, One Broadway, New York, NY 10002 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 03/041648 (13) A2
- (21) PCT/US02/36349
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/338,132 13 Nov/nov 2001 US (13.11.2001)
- (30) 10/290,983 8 Nov/nov 2002 US (08.11.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • HIGH-CONCENTRATION LIDOCAINE COMPOSITIONS AND METHODS FOR THEIR PREPARATION
• COMPOSITION DE LIDOCAINE A HAUTE CONCENTRATION ET LEURS PROCÉDES DE PRÉPARATION
- (71) FERNDAL LABORATORIES INC. [US/US]; 780 West Eight Mile Road, Ferndale, MI 48220 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PATEL, Pravin, M. [US/US]; 3072 Woodcreek Way, Bloomfield Hills, MI 48304 (US).
- (74) CITKOWSKI, Ronald, W. et al. / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C., Suite 400, 280 N. Old Woodward Ave., 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 03/041650 (13) A2
- (21) PCT/US02/36372
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 60/335,988 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MODULATION OF LIR FUNCTION TO TREAT RHEUMATOID ARTHRITIS
• MODULATION DE LA FONCTION DES LIR DANS LE TRAITEMENT DE LA POLYARTHRITE RHUMATOÏDE
- (71) IMMUNEX CORPORATION [US/US]; Law Department, 51 University Street, Seattle, WA 98101 (US).
(for all designated States except / pour tous les États désignés sauf US)
- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (71, 72) **ARM, Jonathan, P.** [US/US]; Brigham and Women's Hospital, Smith Research Building, Room 638B, One Jimmy Fund Way, Boston, MA 02115 (US). **TEDLA, Nicodemus** [US/US]; 75 Francis Street, Boston, MA 02115 (US). **BORGES, Luis, G.** [PT/US]; 7753 28th Avenue N.W., Seattle, WA 98117 (US).
- (74) **TRAN, Paul, B.**; Immunex Corporation, 51 University Street, Seattle, WA 09101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
 (11) **WO 03/041651** (13) **A2**
 (21) PCT/US02/36439
 (22) **13 Nov/nov 2002 (13.11.2002)**
 (25) en (26) en
 (30) 09/991,117 **13 Nov/nov 2001 US (13.11.2001)**
 (43) 22 May/mai 2003 (22.05.2003)
- (54) • **ALLATOIN-CONTAINING SKIN CREAM**
 • **CREME POUR LA PEAU CONTENANT DE L'ALLANTOINE**
- (71) **ALWYN COMPANY, INC.** [US/US]; Highway 60 East, Lake Crystal, MN 56055 (US).
- (72) **FARBER, Elliott**; 1720 Orchid Drive North, North Mankato, MN 56003 (US).
- (74) **CROWSON, Celine, Jimenez et al. / etc.**; Hogan & Hartson L.L.P., 555 13th Street, N.W., 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
 (11) **WO 03/041652** (13) **A2**
 (21) PCT/US02/36473
 (22) **13 Nov/nov 2002 (13.11.2002)**
 (25) en (26) en
 (30) 60/338,587 **13 Nov/nov 2001 US (13.11.2001)**
 (43) 22 May/mai 2003 (22.05.2003)
- (54) • **METHOD OF USING 18080, A HUMAN SERINE CARBOXYPEPTIDASE FAMILY MEMBER**
 • **METHODE D'UTILISATION DE 18080, ELEMENT DE LA FAMILLE DE LA SERINE CARBOXYPEPTIDASE HUMAINE**
- (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) **CARROLL, Joseph, M.** [US/US]; 113 Sciarappa Street, Cambridge, MA 02141 (US).
- (74) **BOSSONE, Steven, A.**; Millennium Pharmaceuticals, Inc., 75 Sidney Street, Cambridge, MA 02139 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
 (11) **WO 03/041653** (13) **A2**
 (21) PCT/US02/36604
 (22) **14 Nov/nov 2002 (14.11.2002)**
 (25) en (26) en
 (30) 60/332,733 **14 Nov/nov 2001 US (14.11.2001)**
 (30) 60/333,040 **14 Nov/nov 2001 US (14.11.2001)**
 (30) 60/332,698 **14 Nov/nov 2001 US (14.11.2001)**
 (30) 60/333,051 **14 Nov/nov 2001 US (14.11.2001)**
 (30) 60/332,970 **14 Nov/nov 2001 US (14.11.2001)**
 (43) 22 May/mai 2003 (22.05.2003)
- (54) • **CYTOTOXIC AGENTS**
 • **AGENTS CYTOTOXIQUES**
- (71) **RUTGERS, THE STATE UNIVERSITY** [US/US]; Old Queens Building, Somerset and George Streets, New Brunswick, NJ 08903 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **LAVOIE, Edmond, J.** [US/US]; 3 Guilford Court, Princeton Junction, NJ 08550 (US). **RUCHELMAN, Alexander, L.** [US/US]; 101 Everett Street, Robbinsville, NJ 08691 (US). **SINGH, Sudhir, Kumar** [IN/IN]; 216 Ashok Nagar, Etawah, 206001 (IN). **RAY, Abhijit** [IN/IN]; A/65 Sahid Nagar, Bhubaneswar, Orissa-751 007 (IN). **LIU,**
- Leroy, Fong** [US/US]; 5 Fairacres Drive, Bridgewater, NJ 08807 (US).
- (74) **STEFFEY, Charles, E. et al. / etc.**; 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
 (11) **WO 03/041654** (13) **A2**
 (21) PCT/US02/36633
 (22) **13 Nov/nov 2002 (13.11.2002)**
 (25) en (26) en
 (30) 60/332,801 **14 Nov/nov 2001 US (14.11.2001)**
 (43) 22 May/mai 2003 (22.05.2003)
- (54) • **ANTI-ESTROGEN AND IMMUNE MODULATOR COMBINATIONS FOR TREATING BREAST CANCER**
 • **COMBINAISONS D'ANTIOESTROGENES ET D'IMMUNOMODULATEURS POUR TRAITER LE CANCER DU SEIN**
- (71, 72) **SIRBASKU, David, A.** [US/US]; 4315 Lago Viento, Austin, TX 79734-1906 (US).
- (74) **CONLEY ROSE & TAYON, P.C.**; P.O. Box 3267, Houston, TX 77253-3267 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
 (11) **WO 03/041655** (13) **A2**
 (21) PCT/US02/36639
 (22) **12 Nov/nov 2002 (12.11.2002)**
 (25) en (26) en
 (30) 515432 **13 Nov/nov 2001 NZ (13.11.2001)**
 (30) 60/405,909 **26 Aug/août 2002 US (26.08.2002)**
 (43) 22 May/mai 2003 (22.05.2003)
- (54) • **THERAPEUTIC AGENT COMPOSITION AND METHOD OF USE**

- COMPOSITION D'AGENTS THERAPEUTIQUES ET PROCEDE D'UTILISATION
- (71, 72) **TRAN, Loi** [US/US]; 5212 Deepdale Way, Elk Grove, CA 95758 (US).
- (74) **PRESTON, David et al.** / etc.; David R. Preston & Associates, A.P.C., 12625 High Bluff Drive, Suite 205, San Diego, CA 92130 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
- (11) **WO 03/041656** (13) A2
- (21) PCT/US02/36681
- (22) **12 Nov/nov 2002 (12.11.2002)**
- (25) en (26) en
- (30) 10/007,877 **13 Nov/nov 2001 US (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SOLUBLE DRUG EXTENDED RELEASE SYSTEM
- SYSTEME DE LIBERATION PROLONGEE DE MEDICAMENTS SOLUBLES
- (71) **YAMANOUCHI PHARMA TECHNOLOGIES, INC.** [US/US]; 1050 Arastradero Road, Stanford Research Park, Palo Alto, CA 94303 (US). **YAMANOUCHI PHARMACEUTICAL CO. LTD.** [JP/JP]; 2-3-11, Nihonbashi-Honcho, Chuo, Tokyo 103-8411 (JP).
- (72) **ROGERS, Victoria**; 3090 Longview Drive, San Bruno, CA 94066 (US). **DOR, Philippe, J., M.**; 22525 Balboa Road, Cupertino, CA 95014-5454 (US). **FIX, Joseph, A.**; 722 Columbus Street, Half Moon Bay, CA 94019 (US). **KOJIMA, Hiroyuki**; 3-8-25-205 Yaizu, Yaizu, Shizuoka 425-0026 (JP). **SAKO, Kazuhiro**; 4-7-7 Higashikogawa, Yaizu, Shizuoka 425-0035 (JP).
- (74) **SNYDER, Joseph, R. 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
- (11) **WO 03/041657** (13) A2
- (21) PCT/US02/36692
- (22) **13 Nov/nov 2002 (13.11.2002)**
- (25) en (26) en
- (30) 10/000,213 **14 Nov/nov 2001 US (14.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ANTISENSE MODULATION OF VITAMIN D NUCLEAR RECEPTOR EXPRESSION
- MODULATION ANTISENS DE L'EXPRESSION DU RECEPTEUR NUCLEAIRE DE LA VITAMINE D
- (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) **BAKER, Brenda, F.** [US/US]; 2147 Avenida Toronja, Carlsbad, CA 92009 (US). **DOBIE, Kenneth** [US/US]; 703 Stratford Court #4, Del Mar, CA 92014 (US). **ROACH, Mark, P.** [CA/US]; 2640 Kremeyer Circle #8, Carlsbad, CA 92008 (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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
- (11) **WO 03/041658** (13) A2
- (21) PCT/US02/36818
- (22) **12 Nov/nov 2002 (12.11.2002)**
- (25) en (26) en
- (30) 60/350,674 **13 Nov/nov 2001 US (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCESS FOR THE PREPARATION OF 3,7-DISUBSTITUTED-2,3,4,5-TETRAHYDRO-1H-1,4-BENZODIAZEPINE COMPOUNDS
- PROCEDE DE PREPARATION DE COMPOSES DE 3,7-DISUBSTITUE-2,3,4,5-TETRAHYDRO-1H-1,4-BENZODIAZEPINE
- (71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P. O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KRONENTHAL, David, R.** [US/US]; 407 Lenape Lane, Yardley, PA 19067 (US). **BHANDARU, Rao, S.** [IN/US]; 4 Westminster Court, Belle Mead, NJ 08502 (US). **SHI,**
- Zhongping** [US/US]; 20 N. Wilson Way, West Windsor, NJ 08550 (US). **MUDRYK, Boguslaw, M.** [PL/US]; 25 Pemberton Lane, East Windsor, NJ 08520 (US).
- (74) **BAXAM, Deanna et al.** / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
- (11) **WO 03/041659** (13) A2
- (21) PCT/US02/36861
- (22) **15 Nov/nov 2002 (15.11.2002)**
- (25) en (26) en
- (30) 60/336,249 **15 Nov/nov 2001 US (15.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND IDENTIFICATION OF DOWNSTREAM MRNA LIGANDS TO FMRP AND THEIR ROLE IN FRAGILE X SYNDROME AND ASSOCIATED DISORDERS
- METHODE RELATIVE A DES LIGANDS D'ARN MESSAGER AVAL SE FIXANT A LA PROTEINE DE L'X FRAGILE DE DEFICIENCE MENTALE (FMRP), IDENTIFICATION DE CEUX-CIET LEUR ROLE S'AGISSANT DU SYNDROME DE L'X FRAGILE ET DE TROUBLES CONNEXES
- (71) **EMORY UNIVERSITY** [US/US]; 2009 Ridgewood Drive, Atlanta, GA 30322 (US). **DUKE UNIVERSITY** [US/US]; Office of Science and Technology, Duke, University, Box 90083, Durham, NC 27708 (US). **THE ROCKEFELLER UNIVERSITY** [US/US]; 1230 York Avenue, Box 81, New York, NY 10021 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WARREN, Stephen, T.** [US/US]; 2305 Kimbrough Ct., Atlanta, GA 30350 (US). **BROWN-KENNERLY, Victoria** [US/US]; 351 Hillcrest Ave., #8, Decatur, GA 30030 (US). **JIN, Peng** [US/US]; 2990 Shillingford Ct., SE, Marietta, GA 30067 (US). **CE-MAN, Stephanie** [US/US]; 1699 McLendon Ave., NE, #B, Atlanta, GA 30307 (US). **DARNELL, Robert, B.** [US/US]; 236 Elderwood Avenue, Pelham, NY 10803 (US). **DARNELL, Jennifer, C.** [US/US]; 236 Elderwood Avenue, Pelham, NY 10803 (US). **KEENE, Jack, D.** [US/US]; 6300 Garrett Road, Durham, NC 27707 (US). **TENENBAUM, Scott, A.** [US/US]; 3312 Park Overlook Drive, Durham, NC 27712 (US).
- (74) **KRON, Eric, J. et al.** / etc.; Alston & Bird LLP, Bank of America Plaza, Suite 4000, 101

- Sout Tryon Street, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
 (11) WO 03/041660 (13) A2
 (21) PCT/US02/36901
 (22) 14 Nov/nov 2002 (14.11.2002)
 (25) en (26) en
 (30) 60/332,734 14 Nov/nov 2001 US (14.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • SOLUBILIZED TOPOISOMERASE POISONS
 • POISONS DE TOPOISOMERASE SOLUBILISES
- (71) RUTGERS, THE STATE UNIVERSITY [US/US]; Old Queens Building, Somerset and George Streets, New Brunswick, NJ 08903 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) LAVOIE, Edmond, J. [US/US]; 3 Guilford Court, Princeton Junction, NJ 08550 (US). RUCHELMAN, Alexander, L. [US/US]; 101 Everett Street, Robbinsville, NJ 08691 (US). LIU, Leroy, F. [US/US]; 5 Fairacres Drive, Bridgewater, NJ 08807 (US).
- (74) STEFFEY, Charles, E. et al. / etc.; 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 6/04, C23C 28/00
 (11) WO 03/041661 (13) A1
 (21) PCT/FR02/03865
 (22) 12 Nov/nov 2002 (12.11.2002)
 (25) fr (26) fr
 (30) 01/15088 16 Nov/nov 2001 FR (16.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • SURFACE TREATMENT OF TITANIUM AND ITS ALLOYS, DENTAL APPLICATIONS
- TRAITEMENT DE SURFACE DU TITANE ET DE SES ALLIAGES, APPLICATIONS DENTAIRE
- (71) ARV SARL [FR/FR]; 9, bis rue Jean-Baptiste Toury, F-63000 Clermont-Ferrand (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) REY, Pierre-Dominique [FR/FR]; 1, rue Marmontel, 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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ A61K 6/06, C04B 28/06
 (11) WO 03/041662 (13) A1
 (21) PCT/SE02/01481
 (22) 21 Aug/août 2002 (21.08.2002)
 (25) sv (26) en
 (30) 0103190-5 26 Sep/sep 2001 SE (26.09.2001)
 (30) 0201067-6 9 Apr/avr 2002 SE (09.04.2002)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • POWDERED MATERIAL AND CERAMIC MATERIAL MANUFACTURED THEREFROM
 • MATERIAU EN POUDRE ET MATERIAU CERAMIQUE FABRIQUE A PARTIR DE CE MATERIAU EN POUDRE
- (71) DOXA CERTEX AKTIEBOLAG [SE/SE]; Axel Johanssons Gata 4-6, Kristallen, S-754 51 Uppsala (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HERMANSSON, Leif [SE/SE]; Stenbrohultsvägen 20, 3 tr, S-757 58 Uppsala (SE). KRAFT, Lars [SE/SE]; Våktargatan 36A, S-754 22 Uppsala (SE). ENGQVIST, Håkan [SE/SE]; Margaretavägen 12, S-741 44 Knivsta (SE). HERMANSSON, Irmeli [SE/SE]; Persiljegatan 6, S-754 49 Uppsala (SE). AHNFELT, Nils-Otto [SE/SE]; Nordhemsvägen 5A, S-756 46 Uppsala (SE). GOMEZ-ORTEGA, Gunilla [SE/SE]; Almqvistgatan 35, S-754 30 Uppsala (SE).
- (74) KYLIN, Peter et al. / etc.; Hynell Patenttjänst AB, Patron Carls väg 2, S-683 40 Hagfors/Uddeholm (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility
- model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 7/00, 7/48
 (11) WO 03/041663 (13) A1
 (21) PCT/EP02/10453
 (22) 18 Sep/sep 2002 (18.09.2002)
 (25) de (26) de
 (30) 101 55 792.2 14 Nov/nov 2001 DE (14.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • SELF-FOAMING, FOAM-TYPE, POST-FOAMING OR FOAMABLE COSMETIC OR DERMATOLOGICAL PREPARATIONS CONTAINING SILOXANE ELASTOMERS
 • PREPARATIONS COSMETIQUES OU DERMATOLOGIQUES A MOUSSAGE AUTOMATIQUE, EN FORME DE MOUSSE, A POST-MOUSSAGE OU APRES A MOUSSER AYANT UNE CERTAINE TENEUR EN SILOXANE ELASTOMERE
- (71) BEIERSDORF AG [DE/DE]; Unnastrasse 48, 20245 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RIEDEL, Heidi [DE/DE]; Lokstedter Steindamm 24, 22529 Hamburg (DE). KRÖPKE, Rainer [DE/DE]; Achterndiek 23, 22869 Schenefeld (DE). BLECKMANN, Andreas [DE/DE]; Richard-Dehmel-Strasse 33, 22926 Ahrensburg (DE). LANZENDÖRFER, Ghita [DE/DE]; Umlandstrasse 56, 22087 Hamburg (DE).
- (74) BEIERSDORF AG; Unnastrasse 48, 20245 Hamburg (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ A61K 7/00, 7/02, 7/025, 7/032, 7/32, 7/42, 7/48
 (11) WO 03/041664 (13) A1
 (21) PCT/JP02/11402
 (22) 31 Oct/oct 2002 (31.10.2002)
 (25) ja (26) ja
 (30) 2001-349694 15 Nov/nov 2001 JP (15.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • COSMETICS CONTAINING CLAY MINERAL
 • COSMETIQUES CONTENANT UN MINERAL ARGILEUX
- (71) SHIN-ETSU CHEMICAL CO., LTD. [JP/JP]; 6-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

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

(72, 75) **NAKANISHI, Tetsuo** [JP/JP]; c/o Silicone Electronic Material Research Center, Shin-Etsu Chemical Co., Ltd., 1-10, Oaza Hitomi, Matsuidamachi, Usuigun, Gunma 379-0224 (JP). **TACHIBANA, Kiyomi** [JP/JP]; c/o SHIN-ETSU CHEMICAL CO., LTD., 6-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(74) **TAKITA, Seiki et al.** / etc.; 7kai, Okano biru, 41-12, Kabukicho 2-chome, Shinjuku-ku, Tokyo 160-0021 (JP).

(81) JP US.

(84) EP (DE FR GB).

(51)⁷ A61K 7/00, 7/48, 9/06, 47/14, 47/24

(11) WO 03/041665 (13) A1

(21) PCT/JP02/11717

(22) 11 Nov/nov 2002 (11.11.2002)

(25) ja (26) ja

(30) 2001/345351 9 Nov/nov 2001 JP (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • GEL-FORM COMPOSITION

• COMPOSITION SOUS FORME DE GEL

(71) **THE NISSHIN OILLIO, LTD.** [JP/JP]; 23-1, Shinkawa 1-chome, Chuo-ku, Tokyo 104-8285 (JP).

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

(72, 75) **TOYODA, Ryoichi** [JP/JP]; c/o The Nisshin Oillio, Ltd., Yokohama Isogo Administration Dept., 1-banchi, Shinmori-cho, Isogo-ku, Yokohama-shi, Kanagawa 235-8558 (JP). **OYAMA, Keiichi** [JP/JP]; c/o The Nisshin Oillio, Ltd., Yokohama Isogo Administration Dept., 1-banchi, Shinmori-cho, Isogo-ku, Yokohama-shi, Kanagawa 235-8558 (JP).

(74) **SAKAGUCHI, Shozo**; Sunny Corporus 307, 5-23-19, Nishifuna, Funabashi-shi, Chiba 273-0031 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 7/00, 7/42, 7/44

(11) WO 03/041666 (13) A1

(21) PCT/US01/29925

(22) 25 Sep/sep 2001 (25.09.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • SELF DOSING SKIN PREPARATION

• PREPARATION A AUTODOSAGE POUR LA PEAU

(71) **INVENT RESOURCES, INC.** [US/US]; 23 Berkshire Drive, Winchester, MA 01890 (US).

(72) **HED, Aharon, Ze'ev**; 12 Wagon Trail, Nashua, NH 03062 (US). **PAVELLE, Richard**; 23 Berkshire Drive, Winchester, MA 01890 (US). **AISENBERG, Sol**; 36 Bradford Road, Natick, MA 01760 (US). **FREEDMAN, George**; 5 Brook Trail Road, Wayland, MA 01778 (US).

(74) **MICHALOS, Peter, C.**; Notaro & Michalos P.C., Suite 110, 100 Dutch Hill Road, Orangeburg, NY 10962-2100 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK 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 7/00

(11) WO 03/041667 (13) A2

(21) PCT/US02/35766

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 60/338,042 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • COMPOSITIONS CONTAINING ENZYMES STABILIZED WITH CERTAIN OSMO-PROTECTANTS AND METHODS FOR USING SUCH COMPOSITIONS IN PERSONAL CARE

• COMPOSITIONS CONTENANT DES ENZYMES STABILISEES A L'AIDE DE CERTAINS OSMOPROTECTEURS ET METHODES D'UTILISATION DE CES COMPOSITIONS DANS DES SOINS D'HYGIENE PERSONNELLE

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **ELLIOTT, Russell, Phillip**; 24 Nobles Way, Egham, Surrey TW20 9RJ (GB). **MCKAY, Barnaby, George, Robert**; 221 Muswell Hill Broadway, London N10 1DE (GB).

(74) **REED, T., David et al.** / etc.; The Procter & Gamble Company, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

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

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

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

(51)⁷ A61K 7/06, 7/13, 7/135, C07C 315/04

(11) WO 03/041668 (13) A1

(21) PCT/FR02/03093

(22) 11 Sep/sep 2002 (11.09.2002)

(25) fr (26) fr

(30) 01/11994 17 Sep/sep 2001 FR (17.09.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • COSMETIC COMPOSITION CONTAINING SULPHONIC ACID DERIVATIVES

• COMPOSITION COSMETIQUE CONTENANT DES DERIVES D'ACIDE SULFINIQUE

(71) **L'OREAL** [FR/FR]; 14, rue Royale, F-75008 Paris (FR).

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(72, 75) **LEGRAND, Frédéric** [FR/FR]; 3, avenue du Chateau du Loir, F-92400 Courbevoie (FR). **LAGRANGE, Alain** [FR/FR]; 5, rue de Monty, F-77700 Coupvray (FR).

(74) **L'OREAL - DPI**; Lhoste, Catherine, 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ A61K 7/06

(11) WO 03/041669 (13) A1

(21) PCT/KR01/01642

(22) 28 Sep/sep 2001 (28.09.2001)

(25) ko (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • A COMPOSITION FOR PROMOTING HAIR GROWTH

• COMPOSITION FAVORISANT LA POUSSE DES CHEVEUX

(71) **LG HOUSEHOLD & HEALTH CARE LTD.** [KR/KR]; LG Twin Tower, Yoido-dong 20, Yeongdeungpo-ku, 150-721 Seoul (KR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HWANG, Seong-Lok** [KR/KR]; Se-won 3cha Apt. 108-803, Gakyung-dong, Heungduk-ku, 361-743 Cheongjoo-city, Chungcheongbuk-do (KR). **YOON, In-Byeong** [KR/KR]; Hyundai Apt. 104-901, Tap-dong, Sangdang-ku, 360-777 Cheongjoo-city, Chungcheongbuk-do (KR). **LEE, Min-Ho** [KR/KR]; LG Chemical Satek 1-205, Doryong-dong 386-4, Yousung-ku, 305-340 Daejeon-city (KR). **CHANG,**

Sug-Youn [KR/KR]; Expo Apt. 210-1004, Jeonmin-dong, Yousung-ku, 305-761 Daejeon-city (KR). **RANG, Moon-Jeong** [KR/KR]; Sejong Apt. 108-606, Jeonmin-dong, Yousung-ku, 305-728 Daejeon-city (KR). **AHN, Ho-Jeong** [KR/KR]; Sejong Apt. 107-1106, Jeonmin-dong, Yousung-ku, 305-728 Daejeon-city (KR).

(74) **YOUME PATENT & 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK 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 7/13

(11) **WO 03/041670** (13) A1

(21) PCT/EP02/12557

(22) **11 Nov/nov 2002 (11.11.2002)**

(25) de (26) de

(30) 101 56 667.0 **17 Nov/nov 2001 DE (17.11.2001)**

(30) 101 56 881.9 **20 Nov/nov 2001 DE (20.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • OXIDATION COLOURING AGENT BASED ON BICYCLIC DEVELOPER COMPONENTS

• COLORANTS D'OXYDATION A BASE DE REVELATEURS BICYCLIQUES

(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) **ROSE, David** [GB/DE]; Am Eichelkamp 223, 40723 Hilden (DE). **HÖFFKES, Horst** [DE/DE]; Carl-Schmid-Strasse 113, 40595 Düsseldorf (DE). **MEINIGKE, Bernd** [DE/DE]; Wuppertalerstr. 84b, 51381 Leverkusen (DE). **KLEEN, Astrid** [DE/DE]; Nordstrasse 17, 40699 Erkrath (DE).

(81) AU CA CN CZ HU JP NO NZ PL RU SI SK US.

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

Published / Publiée : (c)

(51)⁷ A61K 7/13

(11) **WO 03/041671** (13) A2

(21) PCT/EP02/12558

(22) **11 Nov/nov 2002 (11.11.2002)**

(25) de (26) de

(30) 101 56 667.0 **17 Nov/nov 2001 DE (17.11.2001)**

(30) 101 56 881.9 **20 Nov/nov 2001 DE (20.11.2001)**

(30) 201 18 982.8 **21 Nov/nov 2001 DE (21.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • OXIDATION COLOURING AGENT WITH BIS (5-AMINO-2-HYDROXYPHENYL)-METHANE

• COLORANTS D'OXYDATION CONTENANT DU BIS-(5-AMINO-2-HYDROXYPHENYL)-METHANE

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstr. 67s, 40191 Düsseldorf (DE).

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

(72, 75) **ROSE, David** [GB/DE]; Am Eichelkamp 223, 40723 Hilden (DE). **HÖFFKES, Horst** [DE/DE]; Carlo-Schmid-Strasse 113, 40595 Düsseldorf (DE). **MEINIGKE, Bernd** [DE/DE]; Wuppertalerstrasse 84b, 51381 Leverkusen (DE). **KLEEN, Astrid** [DE/DE]; Nordstrasse 17, 40699 Erkrath (DE).

(81) AU CA CN CZ HU JP NO NZ PL RU SI SK US.

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

(51)⁷ A61K 7/13

(11) **WO 03/041672** (13) A1

(21) PCT/EP02/12559

(22) **11 Nov/nov 2002 (11.11.2002)**

(25) de (26) de

(30) 101 56 667.0 **17 Nov/nov 2001 DE (17.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • OXIDATION COLOURING AGENT BASED ON BICYCLIC DEVELOPER COMPONENTS

• COLORANTS D'OXYDATION A BASE DE REVELATEURS BICYCLIQUES

(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) **ROSE, David** [GB/DE]; Am Eichelkamp 223, 40723 Hilden (DE). **HÖFFKES, Horst** [DE/DE]; Carlo-Schmid-Str. 113, 40595 Düsseldorf (DE). **MEINIGKE, Bernd** [DE/DE]; Wuppertalstr. 84b, 51381 Leverkusen (DE). **KLEEN, Astrid** [DE/DE]; Nordstrasse 17, 40699 Erkrath (DE).

(81) AU CA CN CZ HU JP NO NZ PL RU SI SK US.

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

Published / Publiée : (c)

(51)⁷ A61K 7/155

(11) **WO 03/041673** (13) A2

(21) PCT/CH02/00616

(22) **15 Nov/nov 2002 (15.11.2002)**

(25) en (26) en

(30) 01811103.9 **16 Nov/nov 2001 EP (16.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR HAIR REMOVAL

• PROCEDE D'EPILATION DES POILS

(71) **ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)** [CH/CH]; SRI, CM-Ecublens, CH-1015 Lausanne (CH).

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

(72, 75) **WAGNIERES, Georges** [CH/CH]; Chemin de la Plantaz 56, CH-1095 Lutry (CH). **LANGE, Norbert** [DE/CH]; Chemin de Valmont 142, 1260 Nyon (CH). **DÖGNITZ, Nora** [DE/CH]; Rte Aloys-Fauquez 26, 1018 Lausanne (CH). **SALOMON, Denis** [CH/CH]; Ch. des Esserts 3bis, CH-1213 Petit-Lancy (CH). **VAN DEN BERGH, Hubert** [NL/CH]; Rue du Centre 44A, CH-1025 St-Sulpice (CH).

(74) **GANGUILLET, Cyril et al.** / etc.; ABREMA Agence Brevets et Marques, Ganguillet & Humphrey, 16, Avenue du Théâtre, P.O.Box 2065, CH-1002 Lausanne (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ A61K 7/32

(11) **WO 03/041674** (13) A1

(21) PCT/EP02/12485

(22) **8 Nov/nov 2002 (08.11.2002)**

(25) de (26) de

(30) 101 56 666.2 **17 Nov/nov 2001 DE (17.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • COSMETIC ANTIPERSPIRANT ROLL-ON FORMULATIONS BASED ON A W/O EMULSION

• FORMULATIONS COSMETIQUES ANTITRANSPIRANTES POUR SYSTEMES A BILLE, A BASE D'EMULSION EAU DANS L'HUILE

(71) **COGNIS DEUTSCHLAND GMBH & CO. KG** [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).

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

(72, 75) **BRÜNING, Stefan** [DE/DE]; Ackerstrasse 158, 40233 Düsseldorf (DE). **ANS-MANN, Achim** [DE/DE]; Kirchberg 25, 40699 Erkrath (DE). **GONDEK, Helga** [DE/DE]; Nosthoffenstr. 36, D-40589 Düsseldorf (DE).

(81) AU BR CA CN JP KR MX US.

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

Published / Publiée : (c)

Declaration / Déclaration :

(t) for the following designations / pour les désignations suivantes : AU BR CA CN JP KR MX EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

- (51)⁷ A61K 7/42, 31/56
 (11) WO 03/041675 (13) A2
 (21) PCT/DE02/04168
 (22) 11 Nov/nov 2002 (11.11.2002)
 (25) de (26) de
 (30) 101 55 200.9 12 Nov/nov 2001 DE (12.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • UTILIZATION OF STEROLS AND THEIR DERIVATIVES IN COSMETIC AND DERMATOLOGICAL PREPARATIONS FOR UVA PROTECTION
 • UTILISATION DE STEROLS ET DE LEURS DERIVES DANS DES PREPARATIONS COSMETIQUES ET DERMATOLOGIQUES DE PROTECTION CONTRE LES UVA
 (71) SKINLAB GMBH [DE/DE]; Heger Tor Wall 23, 49078 Osnabrück (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) GREYHER-BECK, Susanne [DE/DE]; Johannes-Hesse-Strasse 31, 40597 Düsseldorf (DE).
 (74) MILLER RECHTSANWÄLTE; Kaiser-Joseph-Strasse 260, 79098 Freiburg (DE).
 (81) AE AG AL AU BA BB BR BZ CA CN CO CR CU DM DZ EC ED GE HR 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 TN 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 (51)⁷ A61K 7/42, 7/48
 (11) WO 03/041676 (13) A1
 (21) PCT/EP02/12373
 (22) 6 Nov/nov 2002 (06.11.2002)
 (25) de (26) de
 (30) 10155769.8 14 Nov/nov 2001 DE (14.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • COSMETIC PREPARATION CONTAINING POLYCARBONATES
 • PREPARATION COSMETIQUE RENFERMANT DES POLYCARBONATES
 (71) COGNIS DEUTSCHLAND GMBH 6 CO. KG [DE/DE]; Henkelstr. 67, 40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) KAWA, Rolf [DE/DE]; Fontanestr. 28, D-40789 Monheim (DE). ZANDER, Lars [DE/DE]; Cäcilienstrasse 12, 40597 Düsseldorf (DE). WESTFECHTEL, Alfred [DE/DE]; Menzelweg 74, D-40724 Hilden (DE).
 (81) AU BR CA CN JP KR MX US.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
 Declaration / Déclaration :
 (t) for the following designations / pour les désignations suivantes : AU BR CA CN JP KR

- MX EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
 (51)⁷ A61K 7/42
 (11) WO 03/041677 (13) A2
 (21) PCT/GB02/05107
 (22) 13 Nov/nov 2002 (13.11.2002)
 (25) en (26) en
 (30) 0127325.9 14 Nov/nov 2001 GB (14.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • METAL OXIDE COMPOSITION
 • COMPOSITION D'OXYDE METALLIQUE
 (71) IMPERIAL CHEMICAL INDUSTRIES PLC [GB/GB]; 20 Manchester Square, London W1U 3AN (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) KESSELL, Lorna, Margaret [GB/GB]; 58 High Street, Swainby, Northallerton, North Yorkshire DL6 3EG (GB).
 (74) HUMPHRIES, Martyn et al. / etc.; Uniqema Intellectual Property Department, Wilton Centre, Wilton, Redcar TS10 4RF (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 (51)⁷ A61K 7/42, 31/01, A23L 1/00
 (11) WO 03/041678 (13) A1
 (21) PCT/IL02/00875
 (22) 5 Nov/nov 2002 (05.11.2002)
 (25) en (26) en
 (30) 146496 14 Nov/nov 2001 IL (14.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • CAROTENOID COMPOSITION AND METHOD FOR PROTECTING SKIN
 • COMPOSITION A BASE DE CAROTENOÏDES ET METHODE DESTINEES A PROTEGER LA PEAU
 (71) LYCORED NATURAL PRODUCTS INDUSTRIES LTD. [IL/IL]; P.O. Box 320, 84102 Beer Sheva (IL).
(for all designated States except / pour tous les États désignés sauf US)
 (71, 72) ZELKHA, Morris [IL/IL]; 10 Hadar Street, 84965 Omer (IL). NIR, Zohar [IL/IL]; Ye'elim 27, 85025 Meitar (IL). SEDLOV, Tanya [IL/IL]; 25/6 Mivtsah Moshe, 84496 Beer Sheva (IL).
 (74) MUSHKIN, Noam; Intellectual Property Department, P.O. Box 60, 84100 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

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

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

- (51)⁷ A61K 7/48
 (11) WO 03/041679 (13) A2
 (21) PCT/FR02/03901
 (22) 14 Nov/nov 2002 (14.11.2002)
 (25) fr (26) fr
 (30) 01/14731 14 Nov/nov 2001 FR (14.11.2001)
 (30) 02/14253 14 Nov/nov 2002 FR (14.11.2002)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • PRODUCT CONTAINING A RED ALGA EXTRACT OF THE GENUS PORPHYRA AND USES THEREOF FOR PROTECTING CELLS
 • UN PRODUIT CONTENANT UN EXTRAIT D'ALGUE ROUGE DU GENRE PORPHYRA ET SES UTILISATIONS POUR PROTEGER LES CELLULES
 (71) LARENA [FR/FR]; 15, avenue de Ségur, F-75007 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) LECLERC, Christian [FR/FR]; 69, rue Grossepoint, F-18130 Dun-sur-Auron (FR).

- PAUL, François [FR/FR]; 69, chemin de Malepère, F-31400 Toulouse (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 7/48, C12N 9/56
- (11) WO 03/041680 (13) A1
- (21) PCT/US02/35765
- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) en (26) en
- (30) 60/338,149 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • TOPICAL COMPOSITIONS CONTAINING ENZYMES STABILIZED WITH INHIBITORS
• COMPOSITIONS TOPIQUES CONTENANT DES ENZYMES STABILISEES A L'AIDE D'INHIBITEURS
- (71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) ELLIOTT, Russell, Phillip; 24 Nobles Way, Egham, Surrey TW20 9RJ (GB). WEISGERBER, David, John; 2632 Fairhill Drive, Cincinnati, OH 45239 (US). SAUNDERS, Charles, Winston; 5561 Carlsbad Court, Fairfield, OH 45014 (US).
- (74) REED, T., David et al. / etc.; The Procter & Gamble Company, 6110 Center Hill Road, Cincinnati, OH 45224 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 9/00
- (11) WO 03/041682 (13) A2
- (21) PCT/CA02/01727
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/331,249 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • LIPID CARRIER COMPOSITIONS AND METHODS FOR IMPROVED DRUG RETENTION
• COMPOSITIONS A VECTEURS LIPIDIQUES GARANTISSANT UNE MEILLEURE RETENTION MEDICAMENTEUSE
- (71) CELATOR TECHNOLOGIES, INC. [CA/CA]; #200, 604 West Broadway, Vancouver, British Columbia V5Z 1G1 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WEBB, Murray [CA/CA]; 3640 Sunnycrest Drive, North Vancouver, British Columbia V7R 3C6 (CA). TARDI, Paul [CA/CA]; 19081 Sundale Court, Surrey, British Columbia V3S 7M6 (CA).
- (74) ROBINSON, J., Christopher et al. / etc.; Smart & Biggar, Box 11560 Vancouver Centre, Suite 2200, Suite 2200, 650 West Georgia Street, Vancouver, British Columbia V6B 4N8 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 9/00
- (11) WO 03/041683 (13) A2
- (21) PCT/EP02/14917
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (30) 09/995,975 16 Nov/nov 2001 US (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ORODISPERSIBLE TABLETS CONTAINING FEXOFENADINE
• COMPRIMES ORODISPERSIBLES CONTENANT DU FEXOFENADINE
- (71) ETHYPHARM [FR/FR]; 21, rue Saint Matthieu, F-78550 Houdan (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FAHAM, Amina [AL/CA]; 10736 Rue Saint Denis, Montréal, Quebec H3L 2J5 (CA). MARECHAL, Dominique [FR/CA]; 5970 Rue Parry, Laval, Quebec H7H 2W8 (CA). CHENEVIER, Philippe [FR/CA]; 5864 Rue Jeanne Mance, Montréal, Quebec H2V 4K8 (CA).
- (74) TOUATI, Catherine et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 9 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 9/00

(11) WO 03/041684 (13) A2

(21) PCT/US02/36715

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/336,307 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INJECTABLE DEPOT COMPOSITIONS AND USES THEREOF

• COMPOSITIONS EN DEPOT INJECTABLES ET UTILISATIONS

(71) ALZA CORPORATION [US/US]; 1900 Charleston Road, P.O. Box 7210, Mountain View, CA 94039-7210 (US).

(72) CHEN, Guohua; 399 Sunset Avenue, Sunnyvale, CA 94086 (US). HOUSTON, Paul, Ricky; 3889 Blackstone Court, Hayward, CA 94542 (US). KLEINER, Lothar, Walther; 295 Los Altos Court, Los Altos, CA 94022 (US). WRIGHT, Jeremy, Corwin; 631 Cuesta Drive, Los Altos, CA 94024-4135 (US).

(74) DATE, Vandana et al. / etc.; ALZA CORPORATION, 1900 Charleston Road, P.O. Box 7210,, Mountain View, CA 94039-7210 (US).

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

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

(51)⁷ A61K 9/00, 47/34

(11) WO 03/041685 (13) A1

(21) PCT/US02/36717

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/336,254 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INJECTABLE DEPOT COMPOSITION

• COMPOSITION POUR INJECTION RETARD

(71) ALZA CORPORATION [US/US]; 1900 Charleston Road, P.O. Box 7210, Mountain View, CA 94039-7210 (US).

(72) CHEN, Guohua; 399 Sunset Avenue, Sunnyvale, CA 94086 (US). HOUSTON, Paul, Ricky; 3889 Blackstone Court, Hayward, CA 94542 (US). WRIGHT, Jeremy, Corwin; 631 Cuesta Drive, Los Altos, CA 94024-4135 (US). FRANSSON, Jonas; Slojdgatan 4, S-752 38 Uppsala (SE). HGERTMAN, Birger; Svardsliljevagen 86, S-165 77 Hasselby (SE).

(74) DATE, Vandana et al. / etc.; ALZA CORPORATION, 1900 Charleston Road, P.O. Box 7210,, Mountain View, CA 94039-7210 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61K 9/00

(11) WO 03/041686 (13) A2

(21) PCT/US02/36840

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/332,752 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • IMPROVED THERAPY FOR TOPICAL DISEASES

• TRAITEMENT AMELIORE DE MALADIES TOPIQUES

(63) US 60/332,752 (CIP) 14 Nov/nov 2001 (14.11.2001)

(71) MEDLOGIC GLOBAL LIMITED [GB/GB]; Western Wood Way, Langage Science Park, Plymouth, Devon PL7 5BG (GB). REGENTS OF THE UNIVERSITY OF COLORADO [US/US]; Regents 201, SYS 3, Boulder, CO 80309 (US).

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

(72, 75) ASKILL, Ian, N. [US/US]; 6572 Foxdale Circle, Colorado Springs, CO 80919 (US). ROGERS, Karen, Newell, M. [US/US]; 3930 Mariposa Street, Colorado Springs, CO 80907 (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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 9/08

(11) WO 03/041687 (13) A2

(21) PCT/FR02/03922

(22) 15 Nov/nov 2002 (15.11.2002)

(25) fr (26) fr

(30) 01/14796 15 Nov/nov 2001 FR (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PRODUCING STABLE SOLUTIONS OF PHENOLIC SUBSTANCES AND RESULTING SOLUTIONS

• PROCEDE DE PRODUCTION DE SOLUTIONS STABLES DE SUBSTANCES PHENOLIQUES ET LES SOLUTIONS EN RESULTANT

(71) LABORATOIRE AGUETTANT [FR/FR]; Parc Scientifique Tony-Garnier, 1, rue Alexander-Fleming, F-69007 LYON (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) DINNEQUIN, Bernard [FR/FR]; Les Granges Galand, 2, allée du Petit Cher, BP 423, F-37554 Saint Avertin Cedex (FR).

(74) BURTIN, Jean-François; Cabinet Gefib, 85, rue Baudin, F-92300 Levallois-Perret (FR).

(81) BR CA CN DZ EE IL IN JP KR LT LV MA MK MX NO PL RO RU SI SK TN TR US VN YU.

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

(51)⁷ A61K 9/107, 7/00, 9/113, 31/4166, 31/4168

(11) WO 03/041688 (13) A1

(21) PCT/US02/36438

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 09/991,283 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHODS FOR TREATMENT OF INFLAMMATORY DISEASES

• METHODES DE TRAITEMENT DE MALADIES INFLAMMATOIRES

(71) ALWYN COMPANY, INC. [US/US]; Highway 60 East, Lake Crystal, MN 56055 (US).

(72) FARBER, Elliott; 1720 Orchid Drive North, North Mankato, MN 56003 (US).

(74) CROWSON, Celine, Jimenez et al. / etc.; Hogan & Hartson L.L.P., 555 Thirteenth Street, N.W., 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 9/14, 9/50

(11) WO 03/041689 (13) A1

(21) PCT/US02/36365

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

- (30) 60/332,868 12 Nov/nov 2001 US (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • BIOCOMPATIBLE POLYMER BLENDS AND USES THEREOF
- MELANGES DE POLYMERES BIO-COMPATIBLES ET LEUR UTILISATION
- (71) ALKERMES CONTROLLED THERAPEUTICS, INC. [US/US]; 64 Sidney Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COSTANTINO, Henry, R. [US/US]; 368 Winchester Street, Newton, MA 02461 (US). TRACY, Mark, A. [US/US]; 190 Hillside Avenue, Arlington, MA 02474 (US). WARD, Kevin, L. [US/US]; 47 Broadway, Arlington, MA 02474 (US). NELSON, Wendy, W. [US/US]; 12 Alger Road, Foxboro, MA 02035 (US).
- (74) ELMORE, Carolyn, S. 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 9/20
- (11) WO 03/041690 (13) A2
- (21) PCT/US01/43722
- (22) 21 Nov/nov 2001 (21.11.2001)
- (25) en (26) en
- (30) 60/339,921 29 Oct/oct 2001 US (29.10.2001)
- (30) 60/340,664 29 Oct/oct 2001 US (29.10.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PRINTING OR DISPENSING A SUSPENSION SUCH AS THREE-DIMENSIONAL PRINTING OF DOSAGE FORMS
- IMPRESSION OU DISTRIBUTION D'UNE SUSPENSION, DE TYPE IMPRESSION TRIDIMENSIONNELLE DE FORMES GALENIQUES
- (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) ROWE, Charles, W. [US/US]; 770 Highland Avenue, Medford, MA 02155 (US). PRYCE LEWIS, Wendy, E. [US/US]; 31 Hillcrest Circle, Watertown, MA 02472 (US). CIMA, Michael, J. [US/US]; 184 Mystic Valley Parkway, Winchester, MA 01890 (US). BORNANCINI, Esteban, R., N. [AR/US]; 104 Browning Circle, North Wales, PA 19454 (US). SHERWOOD, Jill, K. [US/US]; 3 Fox Hill Road, Edison, NJ 08820 (US). WANG, Chen-Chao [Stateless / apatride/US]; 20 Highmont Drive, West Windsor, NJ 08550 (US). GAYLO, Christopher, M. [US/US]; 22 Landing Lane, Princeton Junction, NJ 08550 (US). FAIRWEATHER, James, A. [US/US]; 37 Nashawena Avenue, West Haven, CT 06516 (US).
- (74) BETCHER, Susan 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 VC VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 9/44
- (11) WO 03/041691 (13) A1
- (21) PCT/KR02/02140
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) ko (26) en
- (30) 2001/71529 16 Nov/nov 2001 KR (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SOLID FORMULATION PRODUCING CARBON DIOXIDE WHEN CONTACTING LIQUID ACID AND A METHOD OF PREPARING THE SAME
- FORMULATION SOLIDE PRODUISANT DU DIOXYDE DE CARBONE LORSQU'ELLE EST MISE EN CONTACT AVEC UN ACIDE LIQUIDE ET PROCEDE DE PREPARATION CORRESPONDANT
- (71, 72) KIM, Yong-Nyun [KR/KR]; 215-1004 Hangaram Apartment, 407, Ichon 1-Dong, Yongsan-Gu, 140-728 Seoul (KR).
- (74) SONG, Ho-Chan et al. / etc.; CHAE & SONG Patent & Trademark Office, Rm No. 509, Sung-Ji Heights III, 642-6 Yoksam-Dong, Kangnam-Gu, 135-717 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 9/50, 31/135
- (11) WO 03/041692 (13) A1
- (21) PCT/IL02/00890
- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) en (26) en
- (30) 146462 13 Nov/nov 2001 IL (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • EXTENDED RELEASE COMPOSITIONS COMPRISING AS ACTIVE COMPOUND VENLAFAXINE HYDROCHLORIDE
- COMPOSITIONS A LIBERATION PROLONGEE COMPRENANT DU CHLORHYDRATE DE VENLAFAXINE UTILISE EN TANT QUE COMPOSE ACTIF
- (71) KARMA PHARM LTD. [IL/IL]; 35 Jabotinsky St., 52511 Ramat Gan (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SELA, Yoram [IL/IL]; 5 David Elazar Str., 43204 Ra'anana (IL).
- (74) DR. YITZHAK HESS & PARTNERS; P.O. Box 6451, 61063 Tel-Aviv (IL).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 9/72, 31/5513
- (11) WO 03/041693 (13) A1
- (21) PCT/US02/15820
- (22) 15 May/mai 2002 (15.05.2002)
- (25) en (26) en
- (30) 60/345,882 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DELIVERY OF DIAZEPAM THROUGH AN INHALATION ROUTE
- ADMINISTRATION DE DIAZEPAM A TRAVERS UNE VOIE PULMONAIRE
- (71) ALEXZA MOLECULAR DELIVERY CORPORATION [US/US]; 1001 E. Meadow Circle, Palo Alto, CA 94303 (US).
- (72) RABINOWITZ, Joshua, D.; 750 N. Shoreline Blvd. #50, Mountain View, CA 94043 (US). ZAFFARONI, Alejandro, C.; 1 Faxon Forest, Atherton, CA 94027 (US).
- (74) ECKMAN, Richard, R. 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 TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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, 31/375, 31/555, A61P 31/18
(11) WO 03/041694 (13) A2
(21) PCT/US02/36482
(22) 13 Nov/nov 2002 (13.11.2002)
(25) en (26) en
(30) 60/338,225 13 Nov/nov 2001 US
(13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • TREATMENT FOR AIDS, HIV, AND
OTHER RELATED DISEASES AND
COMPOUNDS FOR USE THEREWITH
• TRAITEMENT DU SIDA, DU VIH ET
D'AUTRES MALADIES APPAREN-
TEES ET COMPOSES ASSOCIES
- (71) ALCHEMY INTERNATIONAL [US/US];
410 Gatlin Drive, Gatlinburg, TN 37738 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) SAKALOSKY, George, P. [US/US];
410 Gatlin Drive, Gatlinburg, TN 37738
(US).
- (74) ROTHENBERGER, Scott, D. et al. / etc.;
Dorsey & Whitney LLP, Suite 1500, 50 South
Sixth Street, Minneapolis, MN 55402-1498
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
- (72, 75) SHARONI, Yoav [IL/IL]; Ya'ara Street
5, 84965 Omer (IL). LEVY, Joseph [IL/IL];
Haruv Street 10, 84965 Omer (IL).
- (74) MUSHKIN, Noam; Intellectual Property
Department, P.O. Box 60, 84100 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 TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
- 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 TN TR TT TZ UA UG UZ VC VN
YU ZA ZM ZW AP (GH GM KE LS MW MZ SD
SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD
RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE
ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)
(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 TN TR TT TZ UA UG UZ VC VN
YU ZA ZM ZW AP (GH GM KE LS MW MZ SD
SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL PT SE
SK TR) OA (BF BJ CF CG CI CM GA GN GQ
GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les
désignations; (t) for all designations / pour
toutes les désignations; (t) for all designations /
pour toutes les désignations
(u) for / pour US only / seulement
-
- (51)⁷ A61K 31/085, 31/045, 31/135, A61P 9/04,
9/06, 9/10
(11) WO 03/041696 (13) A1
(21) PCT/IB02/05202
(22) 15 Nov/nov 2002 (15.11.2002)
(25) en (26) en
(30) 60/335,884 15 Nov/nov 2001 US
(15.11.2001)
(30) 10/225,543 22 Aug/août 2002 US
(22.08.2002)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHODS AND COMPOSITIONS FOR
USE OF (S)-BISOPROLOL
• PROCEDES ET COMPOSITIONS
D'UTILISATION DE (S)-BISOPRO-
LOL
- (71, 72) KELLY, John [IE/IE]; 127 Chapelgate,
Drumcondra, Dublin 9 (IE). DEVANE, John
[IE/IE]; Heron Cove, Barrymore, Athlone,
Co. Roscommon (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 TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 31/18, 31/35
(11) WO 03/041697 (13) A1
(21) PCT/US02/36408
(22) 14 Nov/nov 2002 (14.11.2002)
(25) en (26) en
(30) 60/331,324 14 Nov/nov 2001 US
(14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD FOR TREATING AUTOIM-
MUNE DISEASES
• METHODE DE TRAITEMENT DE MA-
LADIES AUTO-IMMUNES
- (71, 72) RYBACK, Ralph [US/US]; 5409 West
Cedar Lane, Bethesda, MD 20814 (US).
- (74) AMERNICK, Burton, A.; Connolly Bove
Lodge & Hutz, LLP, 1990 M Street, N.W.,
Suite 800, Washington, DC 20036-3425 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 31/01, 31/015, A61P 35/00
(11) WO 03/041695 (13) A1
(21) PCT/IL02/00876
(22) 5 Nov/nov 2002 (05.11.2002)
(25) en (26) en
(30) 146449 12 Nov/nov 2001 IL
(12.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD AND PHARMACEUTICAL
PREPARATIONS FOR REDUCING THE
ACTIVITY OF CELLS
• METHODE ET PREPARATIONS PHAR-
MACEUTIQUES VISANT A REDUIRE
L'ACTIVITE CELLULAIRE
- (71) LYCORED NATURAL PRODUCTS IN-
DUSTRIES LTD. [IL/IL]; P.O. Box 320,
84102 Beer-Sheva (IL).
*(for all designated States except / pour tous
les États désignés sauf US)*
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- (51)⁷ A61K 31/198, 9/20, 47/10, 47/26, A61P
3/02
(11) WO 03/041698 (13) A1
(21) PCT/JP02/11769
(22) 12 Nov/nov 2002 (12.11.2002)
(25) ja (26) ja
(30) 2001/347304 13 Nov/nov 2001 JP
(13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • AMINO ACID-CONTAINING TABLETS
QUICKLY DISINTEGRATING IN THE
ORAL CAVITY AND PROCESS FOR
PRODUCING THE SAME
• COMPRIMES CONTENANT DES
ACIDES AMINES SE DESINTEGRANT
RAPIDEMENT DANS LA CAVITE
BUCCALE ET PROCEDE DE FABRI-
CATION DE CES COMPRIMES

- (71) KYOWA HAKKO KOGYO CO., LTD. [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OHTA, Motohiro [JP/JP]; c/o KYOWA HAKKO KOGYO CO., LTD. FUJI PLANT, 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 (JP). YOSHIMOTO, Hirokazu [JP/JP]; c/o KYOWA HAKKO KOGYO CO., LTD. FUJI PLANT, 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 (JP). SAITO, Naohiro [JP/JP]; c/o KYOWA HAKKO KOGYO CO., LTD. FUJI PLANT, 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 (JP). WATANABE, Yasushi [JP/JP]; c/o KYOWA HAKKO KOGYO CO., LTD. FUJI PLANT, 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 (JP). MORIMOTO, Kiyoshi [JP/JP]; c/o KYOWA HAKKO KOGYO CO., LTD. FUJI PLANT, 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 (JP).
- (74) NAKAI, Hiroyuki; Sorio 3 4F, 2-1, Sakaemachi 2-chome, Takarazuka-shi, Hyogo 665-0845 (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 31/198, 9/20, 47/10, A61P 5/14
(11) WO 03/041699 (13) A1
(21) PCT/US02/36212
(22) 13 Nov/nov 2002 (13.11.2002)
(25) en (26) en
(30) 09/987,160 13 Nov/nov 2001 US (13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • STORAGE STABLE THYROXINE ACTIVE DRUG FORMULATIONS AND METHODS FOR THEIR PRODUCTION
• PREPARATIONS MEDICAMENTEUSES ACTIVES DE THYROXINE A STOCKAGE STABLE ET TECHNIQUES DE PRODUCTION DE CES PREPARATIONS
- (71) MYLAN PHARMACEUTICALS INC. [US/US]; 781 Chestnut Ridge Road, Morgantown, WV 26505-4310 (US).
- (72) HANSHEW, Dwight D., Jr.; 1328 Cherry Lane, Morgantown, WV 26505 (US). WARGO, David, John; 315 Parkside Avenue, Pittsburgh, PA 15228 (US).
- (74) ERNST, Barbara, G. et al. / etc.; Rothwell, Figg, Ernst & Manbeck, P.C., 1425 K Street, N.W., Suite 800, Washington, DC 20005 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 31/202, 31/4415, 31/519, 31/714, A61P 25/00, 25/08, 25/16, 25/18, 25/24, 25/28
(11) WO 03/041701 (13) A2
(21) PCT/NL02/00731
(22) 14 Nov/nov 2002 (14.11.2002)
(25) en (26) en
(30) 1019368 14 Nov/nov 2001 NL (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • PREPARATION FOR IMPROVING THE ACTION OF RECEPTORS
• PREPARATION PERMETTANT D'AMELIORER L'ACTION DE RECEPTEURS
- (71) N.V. NUTRICIA [NL/NL]; P.O. Box 1, NL-2700 MA Zoetermeer (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KILIAAN, Amanda, Johanne [NL/NL]; Harnjesweg 89, NL-6706 AS Wageningen (NL). HAGEMAN, Robert, Johan, Joseph [NL/NL]; Hamsterlaan 12, NL-6705 CT Wageningen (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 31/265, A61P 31/18, 31/22, 35/00, 37/02, 43/00
(11) WO 03/041702 (13) A1
(21) PCT/EP02/12242
(22) 2 Nov/nov 2002 (02.11.2002)
(25) de (26) de
(30) 101 56 617.4 17 Nov/nov 2001 DE (17.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • PRODUCTION OF PURE STEREOISOMERS OF TRICYCLO[5.2.1.0^{2,3}]-DEC-9-YL XANTHOGENATE AND MEDICAMENTS THEREFROM
• PRODUCTION DE STEREOISOMERES PURS DE TRICYCLO[5.2.1.0^{2,3}]-DEC-9-YL-XANTHOGENATE ET MEDICAMENTS ASSOCIES
- (71) BIOSPHINGS AG [DE/DE]; Hemmelrather Weg 201, 51377 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AMTMANN, Eberhard [DE/DE]; Dossenheimer Weg 7, 69121 Heidelberg (DE).
- (74) WAGNER, Jutta; Zellentin & Partner, Rubensstrasse 30, 67061 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)

(51)⁷ A61K 31/352, 31/7048, 33/24, A61P 17/02
// (A61K 33/24, 31:7048)

(11) WO 03/041703 (13) A2

(21) PCT/NL02/00742

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 01204382.4 16 Nov/nov 2001 EP
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • USE OF A FLAVONOID FOR THE TREATMENT OF BURNS
• METHODE DE TRAITEMENT DES BRULURES

(71) GHO HOLDING B.V. [NL/NL]; Becanusstraat 17, NL-6216 BX Maastricht (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GHO, Conradus, Ghosal [NL/NL]; Gho Holding B.V., Becanusstraat 17, NL-6216 BX Maastricht (NL).

(74) VAN WESTENBRUGGE, Andries; 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 31/38 // A61P 17/04

(11) WO 03/041704 (13) A1

(21) PCT/JP02/11830

(22) 13 Nov/nov 2002 (13.11.2002)

(25) ja (26) ja

(30) 2001-347253 13 Nov/nov 2001 JP
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PREVENTIVE OR REMEDY FOR PRURITUS
• AGENT PREVENTIF OU REMEDE DESTINE AU PRURIT

(71) KYOWA HAKKO KOGYO CO., LTD. [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAYASHI, Ken-ichi [JP/JP]; c/o Pharmaceutical Research Institute, Kyowa Hakko Kogyo Co., Ltd., 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 (JP). ICHIKAWA, Shunji [JP/JP]; c/o Pharmaceutical Research Institute, Kyowa Hakko Kogyo Co., Ltd., 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 (JP). KARASAWA, Akira [JP/JP]; c/o Pharmaceutical Research Institute, Kyowa Hakko

Kogyo Co., Ltd., 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 31/42, A61P 29/00

(11) WO 03/041705 (13) A1

(21) PCT/US02/36253

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 60/350,596 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ORAL DOSAGE FORM OF A SULFONAMIDE PRODRUG SUCH AS PARECOXIB
• FORME POSOLOGIQUE ORALE D'UN PROMEDICAMENT AU SULFONAMIDE, TEL QUE LE PARECOXIB

(71) PHARMACIA CORPORATION [US/US]; Corporate Patent Department, 800 N. Lindbergh Boulevard - 04E, St. Louis, MO 63167 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KARIM, Aziz [US/US]; 5225 Greenleaf, Skokie, IL 60077 (US). NEMA, Sandeep [IN/US]; 1526 Oxford Circle, Grayslake, IL 60030 (US). EWING, Gary, D. [US/US]; 8419 Finch Drive, Kalamazoo, MI 49009 (US).

(74) FORBES, James, C.; Pharmacia Corporation, P.O. Box 5110, Chicago, IL 60680 (US).

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

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

(51)⁷ A61K 31/425, A61P 3/10

(11) WO 03/041706 (13) A1

(21) PCT/EP02/11660

(22) 18 Oct/oct 2002 (18.10.2002)

(25) en (26) en

(30) 01/14676 13 Nov/nov 2001 FR
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PHARMACEUTICAL COMPOSITION COMPRISING A GLITAZONE AND A THIAZOLIDINEDIONE DERIVATIVE, AND USE THEREOF FOR TREATING DIABETES

• COMPOSITION PHARMACEUTIQUE COMPRENANT UNE GLITAZONE ET UN DERIVE DE THIAZOLIDINEDIONE, ET UTILISATION DE CELLE-CI DANS LE TRAITEMENT DU DIABETE

(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) MOINET, Gérard [FR/FR]; 15, rue Lamartine, F-91400 Orsay (FR). BOTTON, Gérard [FR/FR]; 9, rue du Haras, F-78530 Buc (FR). MESANGEAU, Didier [FR/FR]; 5, rue Auguste Renoir, F-77380 Combs la Ville (FR).

(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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ A61K 31/44, C07D 211/00 // C07C 53/138, 57/28

(11) WO 03/041707 (13) A1

(21) PCT/SE02/02057

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 0103836-3 16 Nov/nov 2001 SE
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • N-ADAMANTYLMETHYL DERIVATES AND INTERMEDIATES AS PHARMACEUTICAL COMPOSITIONS AND PROCESSES FOR THEIR PREPARATION

• DERIVES DE N-ADAMANTYLMETHYLE ET INTERMEDIAIRES UTILISES DANS DES COMPOSITIONS PHARMACEUTIQUES ET LEURS PROCÉDES DE PREPARATION

(71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALCARAZ, Lilian [FR/GB]; Astrazeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB). JOHNSON, Timothy [GB/GB]; Astrazeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB). STOCKS, Micheal [GB/GB]; Astrazeneca R & D Charnwood, Bakewell

- Road, Loughborough, Leicestershire LE11 5RH (GB).
- (74) **GLOBAL INTELLECTUAL PROPERTY**; AstraZeneca AB, S-151 85 Södertälje (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :**
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement
-
- (51)⁷ **A61K 31/4439, 31/422, 31/4184, C07D 409/12, 401/12, 413/12, 407/12, 235/30**
- (11) **WO 03/041708** (13) A1
- (21) PCT/US02/35494
- (22) **5 Nov/nov 2002 (05.11.2002)**
- (25) en (26) en
- (30) 60/344,636 **9 Nov/nov 2001 US (09.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **BENZIMIDAZOLES USEFUL AS PROTEIN KINASE INHIBITORS**
 • **BENZIMIDAZOLES UTILISES EN TANT QU'INHIBITEURS DE LA PROTEINE KINASE**
- (71) **BOEHRINGER INGELHEIM PHARMACEUTICALS, INC.** [US/US]; 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US).
- (72) **CYWIN, Charles**; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). **LEE, Jinbo**; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). **ROTH, Gregory, Paul**; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). **SARKO, Christopher, Ronald**; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). **SNOW, Roger, John**; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). **WILSON, Noel, Stewart**; Boehringer
- Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). **PULLEN, Steven, S.**; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US).
- (74) **RAYMOND, Robert, P. et al.** / etc.; Boehringer Ingelheim Corporation, 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 31/47, 31/437**
- (11) **WO 03/041709** (13) A1
- (21) PCT/US02/35813
- (22) **8 Nov/nov 2002 (08.11.2002)**
- (25) en (26) en
- (30) 60/331,199 **9 Nov/nov 2001 US (09.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **COMPOSITIONS AND METHODS OF TREATING IRON EXCESS**
 • **COMPOSITIONS ET PROCÉDES DE TRAITEMENT D'EXCES DE FER**
- (71) **GEORGE MASON UNIVERSITY** [US/US]; Legal Affairs Department - 4C6, 4400 University Drive, Fairfax, VA 22030 (US).
- (72) **ROYT, Paulette, W.**; 3614 Woodhill Place, Fairfax, VA 22031 (US). **HONEYCHUCK, Robert, V.**; 5311 Richardson Drive, Fairfax, VA 22032-3931 (US). **STALICK, Wayne, M.**; 5519 Beech Ridge Drive, Fairfax, VA 22030 (US).
- (74) **SLATTERY, James, M.**; 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 31/4706, 31/43, 31/7048, 31/65, 31/165, 31/496, 31/545, 31/546, A61P 31/04 // (A61K 31/7048, 31:4706) (A61K 31/65, 31:4706) (A61K 31/546, 31:4706) (A61K 31/545, 31:4706) (A61K 31/496, 31:4706)**
- (61) **A61K 31/4706, 31:43) (A61K 31/4706, 31:165)**
- (11) **WO 03/041710** (13) A1
- (21) PCT/US02/36472
- (22) **13 Nov/nov 2002 (13.11.2002)**
- (25) en (26) en
- (30) 60/337,548 **13 Nov/nov 2001 US (13.11.2001)**
- (30) 60/338,618 **13 Nov/nov 2001 US (13.11.2001)**
- (30) 10/292,392 **12 Nov/nov 2002 US (12.11.2002)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **METHODS FOR PREVENTING OR TREATING DISEASE MEDIATED BY TOXIN-SECRETING BACTERIA**
 • **METHODES DE PREVENTION OU DE TRAITEMENT DE MALADIES INDUITES PAR DES BACTERIES SECRETANT DES TOXINES**
- (71) **PANACEA PHARMACEUTICALS, LLC** [US/US]; 640 Sasco Hill Road, Fairfield, CT 06430 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CAPLAN, Michael, J.** [US/US]; 1217 Racebrook Road, Woodbridge, CT 06525 (US).
- (74) **JARRELL, Brenda, Herschbach**; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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-
- (51)⁷ **A61K 31/496, C07D 417/14**
- (11) **WO 03/041711** (13) A1
- (21) PCT/EP02/12476
- (22) **6 Nov/nov 2002 (06.11.2002)**
- (25) en (26) en
- (30) 0127145.1 **10 Nov/nov 2001 GB (10.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **PIPERAZINE BIS-AMIDE DERIVATIVES AND THEIR USE AS ANTAGONISTS OF THE OREXIN RECEPTOR**
 • **DERIVES BIS-AMIDE DE PIPERAZINE ET LEUR UTILISATION EN TANT QU'ANTAGONISTES DU RECEPTEUR D'OREXINE**
- (71) **SMITHKLINE BEECHAM P.L.C.** [GB/GB]; 980 Great West Road, Brentford, Middlesex TW8 9GS (GB).
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- (74) **HOCKLEY, Sian, Catherine**; GlaxoSmithKline, Corporate Intellectual Property CN925.1, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A61K 31/501, C07D 401/12, 401/14, A61P 29/00, 9/10, 17/06
- (11) WO 03/041712 (13) A1
- (21) PCT/EP02/12507
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 0127143.6 10 Nov/nov 2001 GB (10.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PYRIDONE, PYRIDAZONE AND TRIAZONE DERIVATIVES AS LP-PLA2 INHIBITORS
- DERIVES DE PYRIDONE, PYRIDAZONE ET TRIAZONE EN TANT QU'INHIBITEURS DE LP-PLA2
- (71) **SMITHKLINE BEECHAM P.L.C.** [GB/GB]; 980 Great West Road, Brentford, Middlesex TX8 9GS (GB).
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- (72, 75) **FELL, Stephen, Christopher, Martin** [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **HICKEY, Deirdre, Mary, Bernadette** [IE/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). **LEACH, Colin, Andrew** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). **LITTLE, John** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). **PINTO, Ivan, Leo** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). **SMITH, Stephen, Allan** [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow Essex, CM19 5AW (GB).
- (74) **HACKETT, Ruth, Elizabeth**; Corporate Intellectual Property, GlaxoSmithKline, 980 Great West Road, Brentford, Middlesex TW8 9GS (UG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 31/535
- (11) WO 03/041713 (13) A1
- (21) PCT/US02/25937
- (22) 26 Aug/août 2002 (26.08.2002)
- (25) en (26) en
- (30) 09/986,807 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • USE OF THERAPEUTIC DOSAGES FOR NITRIC OXIDE DONORS WHICH DO NOT SIGNIFICANTLY LOWER BLOOD PRESSURE OR PULMONARY ARTERY PRESSURE
- UTILISATION DE DOSES THERAPEUTIQUES DE DONNEURS D'OXYDE NITRIQUE NE DIMINUANT PAS DE MANIERE NOTABLE LA PRESSION SANGUINE OU LA PRESSION ARTERIELLE PULMONAIRE
- (71) **DUKE UNIVERSITY** [US/US]; Office of Science and Technology, P.O. Box 90083, Durham, NC 27708-0083 (US).
- (72) **STAMLER, Jonathan, S.**; 101 Juniper Place, Chapel Hill, NC 27514 (US). **PI-ANTADOSI, Claude, A.**; 3808 Kildrummy Drive, Durham, NC 27705 (US). **DEWHIRST, Mark, W.**; 4404 Thetford Road, Durham, NC 27707 (US).
- (74) **SPECTOR, Eric, S.**; Jones, Tullar & Cooper, P.C., P.O. Box 2266 Eads Station, Arlington, VA 22202 (US).
- (81) AU CA JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- (51)⁷ A61K 31/55, C07D 401/04, 255/00, A61P 1/00
- (11) WO 03/041714 (13) A1
- (21) PCT/GB02/05121
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 0127262.4 13 Nov/nov 2001 GB (13.11.2001)
- (30) 0219051.0 15 Aug/août 2002 GB (15.08.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • BENZOTRIAZEPINES AS GASTRIN AND CHOLECYSTOKININ RECEPTOR LIGANDS
- BENZOTRIAZEPINES UTILISEES COMME LIGANDS DE RECEPTEURS DE CHOLECYSTOQUININE ET DE GASTRINE
- (71) **JAMES BLACK FOUNDATION LIMITED** [GB/GB]; 68 Half Moon Lane, Dulwich, London SE24 9JE (GB).
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- (72, 75) **MCDONALD, Iain, Mair** [GB/GB]; 68 Half Moon Lane, Dulwich, London SE24 9JE (GB). **BUCK, Ildiko, Maria** [GB/GB]; 68 Half Moon Lane, Dulwich, London SE24 9JE (GB). **HARPER, Elaine, Anne** [GB/GB]; 68 Half Moon Lane, Dulwich, London SE24 9JE (GB). **LINNEY, Ian, Duncan** [GB/GB]; 68 Half Moon Lane, Dulwich, London SE24 9JE (GB). **PETHER, Michael, John** [GB/GB]; 68 Half Moon Lane, Dulwich, London SE24 9JE (GB). **STEEL, Katherine, Isobel, Mary** [GB/GB]; 68 Half Moon Lane, Dulwich, London SE24 9JE (GB). **AUSTIN, Carol** [GB/GB]; 68 Half Moon Lane, Dulwich, London SE24 9JE (GB). **DUNSTONE, David, John** [GB/GB]; 68 Half Moon Lane, Dulwich, London SE24 9JE (GB). **KALINDJIAN, Sarkis, Barret** [GB/GB]; 68 Half Moon Lane, Dulwich, London SE24 9JE (GB). **LOW, Caroline, Minli, Rachel** [GB/GB]; 68 Half Moon Lane, Dulwich, London SE24 9JE (GB). **SPENCER, John** [GB/GB]; 68 Half Moon Lane, Dulwich, London SE24 9JE (GB). **WRIGHT, Paul, Trevor** [GB/GB]; 68 Half Moon Lane, Dulwich, London SE24 9JE (GB).
- (74) **FISHER, Adrian, John 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 31/5513, C07D 243/14, 401/04, 401/06, 403/04, 405/04, 407/04, 409/04, A61P 35/00, 37/02
- (11) WO 03/041715 (13) A1
- (21) PCT/US02/36208
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/331,235 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SUBSTITUTED 1,4-BENZODIAZEPINES AND USES THEREOF FOR THE TREATMENT OF CANCER

- 1,4-BENZODIAZEPINES SUBSTITUEES ET LEURS UTILISATIONS POUR LE TRAITEMENT DU CANCER
- (71) 3-DIMENSIONAL PHARMACEUTICALS, INC. [US/US]; Three Lower Makefield Corporate Center, 1020 Stony Hill Road, Suite 300, Yardley, PA 19067 (US).
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- (72, 75) LU, Tianbao [US/US]; 606 Monticello Lane, Kennett Square, PA 19348 (US). LAFRANCE, Louis, V., III [US/US]; 936 Cedarwood Avenue, West Chester, PA 19380 (US). PARKS, Daniel, J. [CA/US]; 106 North Severgn Drive, Exton, PA 19341 (US). MILKIEWICZ, Karen, L. [US/US]; 408 Cadwalader Circle, Exton, PA 19341 (US). CALVO, Raul, R. [US/US]; 72 Orchard Court, Royersford, PA 19468 (US). CUMMINGS, Maxwell, David [CA/US]; 659 West Valley Road, Wayne, PA 19087 (US). KIM, Alexander, J. [US/US]; 4708 Oxford Avenue, Philadelphia, PA 19124 (US). GRASBERGER, Bruce, L. [US/US]; 335 Meadowview Drive, Trappe, PA 19426 (US). CARVER, Theodore, E., Jr. [US/US]; 276 Meadowlake Drive, Downingtown, PA 19335 (US).
- (74) COVERT, John, M., 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A61K 31/557, A61P 1/10
(11) WO 03/041716 (13) A1
(21) PCT/JP02/11862
(22) 14 Nov/nov 2002 (14.11.2002)
(25) en (26) en
(30) 60/331,316 14 Nov/nov 2001 US (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • DOSAGE UNIT COMPRISING A PROSTAGLANDIN ANALOG FOR TREATING CONSTIPATION
• UNITE POSOLOGIQUE CONTENANT UN ANALOGUE DE PROSTAGLANDINE PERMETTANT DE TRAITER LA CONSTIPATION
- (71) SUCAMPO AG [CH/CH]; Graben 5, CH-6300 Zug (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UENO, Ryuji [JP/US]; 11025 Stanmore Drive, Potomac, Montgomery, MD 20854 (US). PATCHEN, Myra, L. [US/US]; 11804 Green Look Place, Fairfax, VA 22033-2732 (US).
- (74) AOYAMA, Tamotsu et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiro-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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 31/5575, 9/70, A61P 1/02, 3/14, 19/00, 19/02, 19/08, 19/10, 35/04
(11) WO 03/041717 (13) A1
(21) PCT/JP02/07386
(22) 22 Jul/juil 2002 (22.07.2002)
(25) ja (26) ja
(30) 2001-345678 12 Nov/nov 2001 JP (12.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • PERSISTENT FILMY PREPARATION FOR TOPICAL ADMINISTRATION CONTAINING PROSTAGLANDIN DERIVATIVE
• PREPARATION PELLICULAIRE PERSISTANTE POUR ADMINISTRATION LOCALISEE CONTENANT UN DERIVE DE PROSTAGLANDINE
- (71) ONO PHARMACEUTICAL CO., LTD. [JP/JP]; 1-5, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-8526 (JP).
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- (72, 75) TABATA, Yasuhiko [JP/JP]; 8-16, Biwadaai 3-chome, Uji-shi, Kyoto 611-0024 (JP). NISHIURA, Akio [JP/JP]; c/o Minase Research Institute, Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP).
- (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 31/565, 31/57, A61P 5/30
(11) WO 03/041718 (13) A1
(21) PCT/NL02/00332
(22) 23 May/mai 2002 (23.05.2002)
(25) en (26) en
(30) 01204377.4 15 Nov/nov 2001 EP (15.11.2001)
(30) 02075695.3 21 Feb/fév 2002 EP (21.02.2002)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • USE OF ESTROGENIC COMPOUNDS IN COMBINATION WITH PROGESTOGENIC COMPOUNDS IN HORMONE-REPLACEMENT THERAPY
• UTILISATION DE COMPOSES OESTROGENES COMBINES A DES COMPOSES PROGESTOGENES EN THERAPIE DE SUBSTITUTION HORMONALE
- (71) PANTARHEI BIOSCIENCE B.V. [NL/NL]; P.O. Box 464, NL-3700 AL Zeist (NL).
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- (72, 75) COELINGH BENNINK, Herman, Jan, Tijmen [NL/NL]; Melvill van Carnbee- laan 38, NL-3971 BE Driebergen (NL). BUN- SCHOTEN, Evert, Johannes [NL/NL]; Plantsoen 16, NL-5384 EV Heesch (NL). HOLINKA, Christian, Franz [US/US]; 299 West 12th Street - 97, New York, NY 10014 (US).
- (74) JORRITSMA, Ruurd et al. / etc.; Neder- landsch Octrooibureau, Scheveningsweg 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 31/565, 31/569
(11) WO 03/041719 (13) A1
(21) PCT/NL02/00740
(22) 15 Nov/nov 2002 (15.11.2002)
(25) en (26) en
(30) 01204377.4 15 Nov/nov 2001 EP (15.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD OF CONTRACEPTION IN MAMMALIAN FEMALES AND PHAR- MACEUTICAL KIT FOR USE IN SUCH METHOD
• PROCEDE DE CONTRACEPTION CHEZ DES FEMELLES DE MAMMI- FERES, ET KIT PHARMACEUTIQUE CORRESPONDANT
- (71) PANTARHEI BIOSCIENCE B.V. [NL/NL]; P.O. Box 464, NL-3700 AL Zeist (NL).
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(72, 75) **COELINGH-BENNINK, Herman, Jan, Tijmen** [NL/NL]; Melvill Van Carnbeeblaen 38, NL-3971 BE Driebergen (NL). **VAN BEEK, Agatha, Antonia, Magdalena** [NL/NL]; Bosveld 424, NL-5403 AM Uden (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **A61K 31/57, 9/48**

(11) **WO 03/041720** (13) A1

(21) PCT/FR02/03879

(22) **13 Nov/nov 2002 (13.11.2002)**

(25) fr (26) fr

(30) 01/14653 **13 Nov/nov 2001 FR (13.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • PHARMACEUTICAL COMPOSITION BASED ON MICRONIZED PROGESTERONE, PREPARATION METHOD AND USES THEREOF

• COMPOSITION PHARMACEUTIQUE A BASE DE PROGESTERONE MICRO-NISEE, SON PROCEDE DE PREPARATION ET SES UTILISATIONS

(71) **BESINS INTERNATIONAL BELGIQUE** [BE/BE]; Groot Bijgaardenstraat, B-128 1620 Drogenbos (BE).

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(72, 75) **BESINS, Antoine** [FR/BE]; 58, avenue Emile Duray, B-1050 Bruxelles (BE). **BESSE, Jérôme** [FR/FR]; Chemin des Vins, Barbat, F-33480 Lustrac Medoc (FR).

(74) **NARGOLWALLA, Cyra et al.** / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 9 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(11) **WO 03/041721** (13) A1

(21) PCT/EP02/12003

(22) **28 Oct/oct 2002 (28.10.2002)**

(25) en (26) en

(30) 2001 2094/01 **15 Nov/nov 2001 CH (15.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • PROCESS FOR REACTING ALKALOIDS AND USE OF THE REACTION PRODUCTS IN THE PREPARATION OF MEDICAMENTS

• PROCESSUS DE REACTION D'ALCALOIDES ET UTILISATION DES PRODUITS DE REACTION DANS LA PREPARATION DE MEDICAMENTS

(71, 72) **NOWICKY, Wassyl** [AT/AT]; Margaretenstrasse 7, A-1040 Wien (AT).

(74) **BÜCHEL, Kaminski & Partner**; Austrasse 79, FL-9490 Vaduz (LI).

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

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

(51)⁷ **A61K 31/7024, A61P 9/10**

(11) **WO 03/041722** (13) A1

(21) PCT/EP02/12482

(22) **7 Nov/nov 2002 (07.11.2002)**

(25) en (26) en

(30) 01204323.8 **13 Nov/nov 2001 EP (13.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • USE OF SPECIFIC DOSE OF FONDAPARINUM SODIUM FOR THE TREATMENT OF ACS

• UTILISATION D'UNE DOSE SPECIFIQUE DE FONDAPARINUM SODIUM POUR TRAITER DES SYNDROMES CORONARIENS AIGUS

(71) **AKZO NOBEL N.V.** [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL). **SANOBI-SYNTHELABO** [FR/FR]; 174, avenue de France, F-75635 Paris Cedex 13 (FR).

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(72, 75) **LENSING, Anthonie, Wilhelmus, Arnold** [NL/NL]; N.V. Organon, P.O. Box 20, NL-5340 BH Oss (NL).

(74) **HOGENBIRK, M.**; P.O. Box 20, NL-5340 BH Oss (NL).

(81) AE AG AL AU BA BB BR BZ CA CN CO CR CU DM DZ EC GD GE HR HU ID IL IN IS JP KE KP KR LC LK LR LT LV MA MG

MK MN MX MZ NO NZ PH PL RO RU SG SI 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **A61K 31/727, 31/728, A61P 17/02, 7/02, 29/02, 31/22, 37/06, A61K 31/728, 31/727**

(11) **WO 03/041723** (13) A1

(21) PCT/EP02/12659

(22) **12 Nov/nov 2002 (12.11.2002)**

(25) de (26) de

(30) 101 55 440.0 **12 Nov/nov 2001 DE (12.11.2001)**

(30) 102 09 966.9 **7 Mar/mar 2002 DE (07.03.2002)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • PHARMACEUTICAL APPLICATIONS OF HYALURONIC ACID PREPARATIONS

• APPLICATIONS PHARMACEUTIQUES DE PREPARATIONS A L'ACIDE HYALURONIQUE

(71, 72) **REINMÜLLER, Johannes** [AT/DE]; Schöne Aussicht 46, 65193 Wiesbaden (DE).

(74) **WEICKMANN & WEICKMANN**; Postfach 860 820, 81635 München (DE).

(81) JP US.

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

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(u) for / pour US only / seulement

(51)⁷ **A61K 31/737, 31/728, A61P 19/02 // (A61K 31/737, 31:728)**

(11) **WO 03/041724** (13) A1

(21) PCT/EP02/12703

(22) **13 Nov/nov 2002 (13.11.2002)**

(25) en (26) en

(30) PA/a/2001/011542 **13 Nov/nov 2001 MX (13.11.2001)**

(30) 10/082,743 **22 Feb/fév 2002 US (22.02.2002)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • USE OF A MIXTURE OF SODIUM HYALURONATE AND CHONDROITIN SULFATE FOR THE TREATMENT OF OSTEOARTHRITIS

• UTILISATION D'UN MELANGE D'HYALURONATE DE SODIUM ET DE SULFATE DE CHONDROITINE POUR LE TRAITEMENT DE L'OSTEOARTHRITIS

(71) **ALCON, INC.** [CH/CH]; Bösch 69, CH-6331 Hünenberg (CH).

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

(72, 75) **HERMIDA, OCHOA, Elias, Humberto** [MX/MX]; Durango 290-208, Colonia Roma, Mexico, D.F. 06700 (MX).

(74) DR. TEIPEL, Stephan et al. / etc.; Lederer & Keller, Prinzregentenstrasse 16, 80538 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ A61K 35/00, A61P 9/00 // C12N 9/16

(11) WO 03/041725 (13) A2

(21) PCT/EP02/12550

(22) 11 Nov/nov 2002 (11.11.2002)

(25) de (26) de

(30) 101 56 249.7 15 Nov/nov 2001 DE (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • REGULATION OF CGMP-SPECIFIC PHOSPHODIESTERASE 9A

• REGULATION DE LA PHOSPHODIESTERASE 9A SPECIFIQUE DU GMPC

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

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

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

Declaration / Déclaration :

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

(51)⁷ A61K 35/74, A61P 29/00, 35/00

(11) WO 03/041726 (13) A1

(21) PCT/SE02/02075

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 0103831-4 16 Nov/nov 2001 SE (16.11.2001)

(30) 60/331,456 16 Nov/nov 2001 US (16.11.2001)

(30) 60/331,782 21 Nov/nov 2001 US (21.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • USE OF AN EXTRACELLULAR ADHERENCE PROTEIN FOR THE MANUFACTURE OF AN ANTI-INFLAMMATORY DRUG

• UTILISATION D'UNE PROTEINE D'ADHERENCE EXTRACELLULAIRE POUR LA FABRICATION D'UN ANTI-INFLAMMATOIRE

(71) BIOSTAPRO AB [SE/SE]; c/o SLU Holding, Ultunaallén 2B, S-756 51 Uppsala (SE).

(72) FLOCK, Jan-Ingmar; Sångarvägen 2, S-167 67 Bromma (SE). HERRMANN, Mathias; Heinkelstrasse 4, 66117 Saarbruecken (DE). PREISSNER, Klaus, T; Tannenweg 10, 35394 Giessen (DE). CHAVAKIS, Triantafyllos; Ebelstrasse 41, 35392 Giessen (DE).

(74) DR LUDWIG BRANN PATENTBYRÅ AB; Box 17192, S-104 62 Stockholm (SE).

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

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

(51)⁷ A61K 35/78, A61P 3/04

(11) WO 03/041727 (13) A2

(21) PCT/EP02/12301

(22) 4 Nov/nov 2002 (04.11.2002)

(25) en (26) en

(30) 60/332,401 16 Nov/nov 2001 US (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PLANT DERIVED OR DERIVABLE MATERIAL WITH APPETITE SUPPRESSING ACTIVITY

• MATIERE DERIVEE OU DERIVABLE A PARTIR D'UN VEGETAL PRESENTANT UNE ACTIVITE DE SUPPRESSION D'APPETIT

(71) NOVARTIS NUTRITION AG [CH/CH]; Mombjustrasse 118, CH-3001 Bern (CH).

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(72, 75) CORLEY, David, Gregory [US/CH]; 4, chemin de la Barillette, CH-1197 Prangins (CH). MILLER, James [US/US]; 3457

Shenandoah Avenue, St. Louis, MO 63104 (US).

(74) BOHMANN, Christine et al. / etc.; 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 LR LS LT LU LV MA MD MK MN MX NO NZ OM PH PL PT RO RU SE SG SI SK TJ TM TN TR TT UA US UZ VC VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ A61K 35/78, 7/48, A61P 17/00

(11) WO 03/041728 (13) A1

(21) PCT/EP02/12848

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 0127554.4 16 Nov/nov 2001 GB (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • NOVEL PHENYL-PROPARGYLETHER DERIVATIVES

• NOUVEAUX DERIVES DE PHENYL-PROPARGYLETHER

(71) SYNGENTA PARTICIPATIONS AG [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).

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(72, 75) ZELLER, Martin [CH/CH]; Syngenta Crop Protection Muenchwiln AG, Breitenloh 5, CH-4333 Muenchwiln (CH). LAMBERTH, Clemens [DE/CH]; Syngenta Crop Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH).

(74) BASTIAN, Werner; c/o Syngenta Participations AG, Intellectual Property, P.O. Box, 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 GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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(51)⁷ A61K 38/00, C07K 1/00, 16/00, G01N 33/53, 33/573, C07C 233/00, 235/00

(11) WO 03/041729 (13) A1

(21) PCT/US02/30492

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/325,009 26 Sep/sep 2001 US (26.09.2001)

- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PTP1B INHIBITORS AND LIGANDS
• INHIBITEURS ET LIGANDS DE PTP1B
- (71) ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY [US/US]; 1300 Morris Park Avenue, Bronx, NY 10461 (US).
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- (72, 75) ZHANG, Zhong-Yin [US/US]; 150 Ferndale Road, Scarsdale, NY 10583 (US). LAWRENCE, David, S. [US/US]; 21 Hemlock Road, Hartsdale, NY 10530 (US).
- (74) ARNOLD, Craig, J. et al. / etc.; Amster, Rothstein & Ebenstein, 90 park Avenue, New York, NY 10016 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A61K 38/17, 45/00, G01N 33/50, A61P 03/00
- (11) WO 03/041730 (13) A1
- (21) PCT/IB02/04582
- (22) 3 Oct/oct 2002 (03.10.2002)
- (25) en (26) en
- (30) 60/332,361 16 Nov/nov 2001 US (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DITACIN AGONISTS AND ANTAGONISTS FOR USE IN THE TREATMENT OF METABOLIC DISORDERS
• AGONISTES ET ANTAGONISTES DE DITACINE UTILISES POUR TRAITER DES TROUBLES DU METABOLISME
- (71) GENSET S.A. [FR/FR]; Intellectual Property Department, 24, rue Royale, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LUCAS, John [US/US]; 339 The Valley Road, Concord, MA 01742 (US). BRIGGS, Kristen [US/US]; 2454 Mango Way, Del Mar, CA 92014 (US). DIALYNAS, Deno [US/US]; 3425 Lebon Drive, #813, San Diego, CA 92122 (US). SCALIA, Aaron [US/US]; 1691 Los Altos Rd., San Diego, CA 92109 (US).
- (74) GENSET S.A.; c/o De Luca, Giampiero, Serono International S.A., Intellectual Property, 12, chemin des Aulx, 1228 Plan-les-Ouates (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 39/00
- (11) WO 03/041732 (13) A2
- (21) PCT/FR02/03899
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) fr (26) fr
- (30) 01/14729 14 Nov/nov 2001 FR (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CONTRACEPTIVE VACCINE COMPOSITIONS COMPRISING A PEPTIDE OR A PLURALITY OF PEPTIDES ENCODED BY ALL OR PART OF THE EXON 1 OF A FSH RECEPTOR
• COMPOSITIONS VACCINALES CONTRACEPTIVES COMPRENANT
- MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 39/00
- (11) WO 03/041731 (13) A2
- (21) PCT/EP02/12723
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 01204351.9 13 Nov/nov 2001 EP (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD TO OBTAIN PROTECTION AGAINST BYSTANDER ALLERGEN
• PROCEDE DE PROTECTION CONTRE UN ALLERGENE LATENT
- (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)
- (71, 72) SEHRA, Sarita [IN/US]; 4872 A Oakbrook Drive, Indianapolis, IN 46254 (US).
- (72, 75) GROOTEN, Johan [BE/BE]; Violierstraat 25, B-9920 Lovendegem (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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 39/00, 39/38, 39/395, A23L 1/31, C12Q 1/00, G01N 33/53, 33/566, 33/567
- (11) WO 03/041733 (13) A1
- (21) PCT/US02/36803
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (30) 09/990,773 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PRION-DETECTION BUSINESS METHODS
• PROCEDES COMMERCIAUX DE DETECTION DE PRION
- (71) PRION DEVELOPMENTAL LABORATORIES, INC. [US/US]; 900 Asbury Drive - Unit 7, Buffalo Grove, IL 60089 (US).
- (72) HAJIZADEH, Kiamars; 1421 Johnson Drive, #1421, Buffalo Grove, IL 60089 (US).
- (74) MORNEAULT, Monique, A. et al. / etc.; Wallenstein & Wagner, Ltd., 311 South Wacker Drive - 5300, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE
- UN PEPTIDE OU UN ENSEMBLE DE PEPTIDES CODES PARTOUT OU PARTIE DE L'EXON 1 D'UN RECEPTEUR DE LA FSH
- (71) INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE-INRA [FR/FR]; 147, rue de l'Université, F-75338 Paris Cedex 07 (FR).
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- (72, 75) SALESSE, Roland [FR/FR]; 23, rue du Versoir, F-91430 Igny (FR). AB-DENNEBI, Latifa [TN/FR]; 4, Résidence Marceau, F-91120 Palaiseau (FR). REMY, Jean-Jacques [FR/FR]; 7, rue Jobert, F-13005 Marseille (FR). JAGANNADHA RAO, A. [IN/IN]; 247 First Cross Road Main H'Nagar, Bangalore, 560019 Kartanak (IN).
- (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

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(51)⁷ A61K 39/112

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(21) PCT/IB01/02127

(22) 12 Nov/nov 2001 (12.11.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • SALMONELLA VACCINE
• VACCIN ANTI-SALMONELLA

(71) PHARMACIA & UPJOHN COMPANY
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(74) WILLIAMS, Joseph, A., Jr.; Marshall, Ger-
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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).

(51)⁷ A61K 39/39

(11) WO 03/041735 (13) A2

(21) PCT/GB02/05137

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 0127267.3 14 Nov/nov 2001 GB
(14.11.2001)

(30) PCT/GB02/03426 25 Jul/juil 2002 GB
(25.07.2002)

(30) 0220849.4 7 Sep/sep 2002 GB
(07.09.2002)

(30) 0220913.8 10 Sep/sep 2002 GB
(10.09.2002)

(30) PCT/GB02/004390 27 Sep/sep 2002 GB
(27.09.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MEDICAL TREATMENT
• TRAITEMENT MEDICAL

(71) LORANTIS LIMITED [GB/GB]; 307
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(72, 75) BODMER, Mark, William [GB/GB];
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(74) MALLALIEU, Catherine, Louise et al. /
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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 OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

(51)⁷ A61K 39/395

(11) WO 03/041736 (13) A2

(21) PCT/EP02/12730

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 09/993,211 16 Nov/nov 2001 US
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR THE TREATMENT OF
CARDIOTOXICITY INDUCED BY AN-
TITUMOR COMPOUNDS

• METHODE DE TRAITEMENT DE
CARDIOTOXICITE INDUITE PAR DES
COMPOSES ANTI-TUMORAUX

(71) PHARMACIA & UPJOHN COMPANY
[US/US]; 301 Henrietta Street, Kalamazoo,
MI 49001 (US). PHARMACIA ITALIA
S.P.A. [IT/IT]; Via Robert Koch, 1.2, I-20152
Milano (IT).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ASP, Beryl [GB/US]; 2711 Packer Court,
Bridgewater, NJ 08807 (US). OGDEN, An-
gela [US/US]; 21 Winay Terrace, Long
Valley, NJ 07853 (US). MILLER, Langdon
[US/US]; 13 Strawberry Lane, Lebanon, NJ
08833 (US). PODESTA', Arturo [IT/IT];
Via Salutati, 7, I-20144 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 TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

(t) for all designations / pour toutes les
désignations

(51)⁷ A61K 45/00, 48/00, 39/395, 38/03, 38/46,
G01N 33/53, A61P 29/00

(11) WO 03/041737 (13) A1

(21) PCT/GB02/05082

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) 0127206.1 13 Nov/nov 2001 GB
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • TREATMENT OF INFLAMMATORY
CONDITIONS
• TRAITEMENT DES ETATS INFLAM-
MATOIRES

(71) THE UNIVERSITY OF LIVERPOOL
[GB/GB]; Senate House, Abercromby
Square, Liverpool L69 3BX (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) EDWARDS, Steven, William [GB/GB];
The University of Liverpool, School of Bi-
ological Sciences, Biosciences Building,
Liverpool L69 7ZB (GB). MOOTS, Robert,
John [GB/GB]; The University of Liverpool,
Clinical Science Centre, University Hospital
Aintree, Longmoor Road, Liverpool L9 7AL
(GB).

(74) BANFORD, Paul, Clifford; Marks & Clerk,
43 Park Place, Leeds LS1 2RY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC 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 BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

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(51) A61K 45/00, 38/00, C07K 14/705, A61P
3/04

(11) WO 03/041738 (13) A1

(21) PCT/IB02/04565

(22) 3 Oct/oct 2002 (03.10.2002)

(25) en (26) en

(30) 60/334,677 15 Nov/nov 2001 US
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • TREATMENT OF METABOLIC DISORDERS WITH XITAR AGONISTS AND ANTAGONISTS
• TRAITEMENT DES TROUBLES METABOLIQUES PAR LE BIAIS D'AGONISTES ET D'ANTAGONISTES VIS-A-VIS DE L'ACTIVITE DU XITAR
- (71) GENSET S.A. [FR/FR]; Intellectual Property Department, 24, rue Royale, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LUCAS, John [US/US]; 339 The Valley Road, Concord, MA 01742 (US). DIALYNAS, Deno [US/US]; 3425 Lebon Drive, #813, San Diego, CA 92122 (US). BRIGGS, Kristen [US/US]; 2454 Mango Way, Del Mar, CA 92014 (US). SCALIA, Aaron [US/US]; 1691 Los Altos Rd., San Diego, CA 92109 (US).
- (74) GENSET S.A.; c/o De Luca, Giampiero, Serono International, S.A., Intellectual Property, 12, chemin des Aulx, CH-1228 Plan-Les-Ouates (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 45/00, 31/41, 31/4178, 31/4184, 31/522, 38/00, A61P 35/00, 43/00
(11) WO 03/041739 (13) A1
(21) PCT/JP02/11780
(22) 12 Nov/nov 2002 (12.11.2002)
(25) ja (26) ja
(30) 2001-348004 13 Nov/nov 2001 JP (13.11.2001)
(30) 2002-113959 16 Apr/avr 2002 JP (16.04.2002)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • ANTICANCER AGENTS
• AGENTS ANTICANCER
- (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) KUBOTA, Yoshinobu [JP/JP]; 1697-28, Mutsuura, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0031 (JP). UEMURA, Hiroshi [JP/JP]; 2-28-22-401, Sakuragaoka, Hodogaya-ku, Yokohama-shi, Kanagawa 240-0011 (JP). NAKAIGAWA, Noboru [JP/JP]; 365-2-4-302, Shibamachi, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0012 (JP). NAITO, Kenichiro [JP/JP]; 11-17, Segawa 2-chome, Mino-shi, Osaka 562-0045 (JP).
- (74) TAKAHASHI, Shuichi et al. / etc.; c/o Osaka Plant of TAKEDA CHEMICAL INDUSTRIES, LTD., 17-85, Jusohonmachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0024 (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 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 45/00, A61P 35/00
(11) WO 03/041740 (13) A1
(21) PCT/JP02/11918
(22) 15 Nov/nov 2002 (15.11.2002)
(25) ja (26) ja
(30) 2001-352188 16 Nov/nov 2001 JP (16.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • TUMOR NECROSIS AGENT
• AGENT DE NECROSE TUMORALE
- (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) HORI, Katsuyoshi [JP/JP]; 12-10 Kawadaira 3-chome, Aoba-ku, Sendai-shi, Miyagi 981-0954 (JP).
- (74) ISHIDA, Yasumasa et al. / etc.; A. Kato & Associates, Bohsei Bldg., 7th Floor, 20-12, Shin-Yokohama 3-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 45/06, 31/568, 31/569, A61P 5/30 // (A61K 31/569, 31:568)
(11) WO 03/041741 (13) A1
(21) PCT/NL02/00733
(22) 14 Nov/nov 2002 (14.11.2002)
(25) en (26) en
(30) 01204379.0 15 Nov/nov 2001 EP (15.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD OF PREVENTING OR TREATING BENIGN GYNAECOLOGICAL DISORDERS
- METHODE DE PREVENTION OU DE TRAITEMENT DE TROUBLES GYNECOLOGIQUES BENINS
- (71) PANTERHEI BIOSCIENCE B.V. [NL/NL]; P.O. Box 464, NL-3700 AL Zeist (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COELINGH BENNINK, Herman, Jan, Tijmen [NL/NL]; Melvill van Carnbeeblaan 38, NL-3971 BE Driebergen (NL). VISSER, Monique [NL/NL]; Nijenheim 51-27, NL-3704 BB Zeist (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 47/00
(11) WO 03/041742 (13) A1
(21) PCT/US02/36306
(22) 12 Nov/nov 2002 (12.11.2002)
(25) en (26) en
(30) 10/011,028 13 Nov/nov 2001 US (13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • NUTRACEUTICAL COMPOSITION
• COMPOSITION NUTRACEUTIQUE
- (71, 72) CARTWRIGHT, Rudolph [US/US]; #50 Neta Place, Odessa, TX 79762 (US). HENDRICKS, Leo [US/US]; 3055 Harrison Street NW, Washington, DC 20015-1309 (US).
- (74) SINDER, Stuart, J. et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 47/02, 31/616
(11) WO 03/041743 (13) A1
(21) PCT/HU02/00112
(22) 31 Oct/oct 2002 (31.10.2002)

- (25) en (26) en
(30) P 0104968 16 Nov/nov 2001 HU (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ASPIRIN-CONTAINING TRANSDERMAL PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF CALCIFICATION
• COMPOSITION PHARMACEUTIQUE TRANSDERMIQUE CONTENANT DE L'ASPIRINE DESTINEE AU TRAITEMENT DE LA CALCIFICATION
- (71, 72) DÁRDAI, Zoltán [HU/HU]; Erdőkerülő ut 27, H-1157 Budapest (HU).
- (74) JALSOVSZKY, Györgyné; P.O. Box 518, H-1373 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 47/48
(11) WO 03/041744 (13) A2
(21) PCT/US02/35885
(22) 8 Nov/nov 2002 (08.11.2002)
(25) en (26) en
(30) 60/338,038 13 Nov/nov 2001 US (13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • PROTEASE ENZYME INHIBITORS
• INHIBITEURS DE L'ENZYME PROTEASE
- (71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) UNDERINER, Todd, Laurence; 6264 Seiler Drive, Cincinnati, OH 45239 (US).
FOSSUM, Renae, Dianna; 501 South Main Street, Middletown, OH 45044 (US).
MCIVER, John, McMillan; 9999 Indian Springs Drive, Cincinnati, OH 45242 (US).
- (74) REED, T., David et al. / etc.; The Procter & Gamble Company, 6110 Center Hill Rd., Cincinnati, OH 45224 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ A61L 2/08, 2/14, 2/26, A61M 39/16, B29C 65/00, 65/78, A61M 39/18, F16L 31/00, 37/00
(11) WO 03/041746 (13) A2
(21) PCT/US02/35590
(22) 7 Nov/nov 2002 (07.11.2002)
(25) en (26) en
(30) 09/993,367 14 Nov/nov 2001 US (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • SYSTEM AND METHOD FOR STERILIZATION OF BIOLOGICAL CONNECTIONS
• SYSTEME ET PROCEDE DE STERILISATION DE CONNEXIONS BIOLOGIQUES
- (71) ELECTRON PROCESS COMPANY, LLC [US/US]; 80 East Sir Francis Drake Blvd., Suite 3D, Larkspur, CA 94939 (US).
- (72) BUCHANAN, Bradley; 210 Wellington Avenue, Ross, CA 94957 (US).
- (74) ALTMAN, Daniel, E.; Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 2/16, 2/18, 2/26, A01N 59/12, 59/00, 59/16, A61B 19/00, C11D 3/00
(11) WO 03/041747 (13) A1
(21) PCT/GB02/05061
(22) 8 Nov/nov 2002 (08.11.2002)
(25) en (26) en
(30) 0127059.4 10 Nov/nov 2001 GB (10.11.2001)
(30) 0210376.0 7 May/mai 2002 GB (07.05.2002)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • COMPOSITION, METHOD AND APPARATUS FOR STERILISATION OF MEDICAL INSTRUMENTS
• COMPOSITION, PROCEDE ET APPAREIL DE STERILISATION D'INSTRUMENTS MEDICAUX
- (71) BIOTEC GLOBAL LIMITED [GB/GB]; Norham House, 12 New Bridge Street West, Newcastle-upon-Tyne, Tyne and Wear NE1 8AS (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NARANG, Harash, Kumar [GB/GB]; 40 Brentwood Avenue, West Jesmond, Newcastle-upon-Tyne, Tyne and Wear NE2 3DH (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 2/26, A61B 19/02, A61J 1/00
(11) WO 03/041748 (13) A1
(21) PCT/EP02/12670
(22) 13 Nov/nov 2002 (13.11.2002)

- (25) de (26) de
- (30) 101 56 937.8 15 Nov/nov 2001 DE
(15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • STERILE CONTAINER
• RECIPIENT STERILE
- (71) AESCULAP AG & CO. KG [DE/DE]; Am Aesculap-Platz, 78532 Tuttlingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GLEICHAUF, Wilhelm [DE/DE]; Schauinslandstrasse 9, 78532 Tuttlingen-Möhlingen (DE). JAKAB, Mariana [DE/DE]; Beim Pfaffentäle 13, 78532 Tuttlingen (DE). OERTMANN, Friedrich-Wilhelm [DE/DE]; Schützenstrasse 52/1, 78532 Tuttlingen (DE). RENNERT, Torsten [DE/DE]; Grundweg 9, 78532 Tuttlingen (DE). SCHUSTER, Stefan [DE/DE]; Martin-Luther-Weg 3, 78532 Tuttlingen (DE). SCHWANKE, Wolfgang [DE/DE]; Jahnstrasse 49, 78604 Rietheim-Weilheim (DE).
- (74) BÖHME, Ulrich; Hoeger, Stellrecht & Partner, Umlandstrasse 14c, 70182 Stuttgart (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A61L 9/12, 9/04, B60H 3/00, A01M 1/20, A45D 34/00, 34/02, 40/00
- (11) WO 03/041750 (13) A1
- (21) PCT/US02/36348
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/332,360 13 Nov/nov 2001 US
(13.11.2001)
- (30) 10/136,721 30 Apr/avr 2002 US
(30.04.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • APPARATUS AND METHOD FOR THE CONTROLLED RELEASE OF VOLATILE MATERIALS
• APPAREIL ET PROCÉDE DE LIBÉRATION CONTRÔLÉE DE MATIÈRES VOLATILES
- (71) INTERNATIONAL FRAGRANCE & TECHNOLOGY, INC. [US/US]; 210 Hickory Springs Industrial Drive, Canton, GE 30115 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RICHARDS, Randall [US/US]; 3640 Hickory Flat, Canton, GA 30115 (US).
- (74) MCGINLEY, Brian, R.; Sonnenschein Nath & Rosenthal, 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 CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61L 2/26, A61B 19/02, A61J 1/00
- (11) WO 03/041749 (13) A1
- (21) PCT/EP02/12671
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) de (26) de
- (30) 101 56 937.8 15 Nov/nov 2001 DE
(15.11.2001)
- (30) 102 10 905.2 6 Mar/mar 2002 DE
(06.03.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • STERILE CONTAINER
• RECIPIENT STERILE
- (71) AESCULAP AG & CO. KG [DE/DE]; Am Aesculap-Platz, 78532 Tuttlingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GLEICHAUF, Wilhelm [DE/DE]; Schauinslandstrasse 9, 78532 Tuttlingen-Möhlingen (DE). JAKAB, Mariana [DE/DE]; Beim Pfaffentäle 13, 78532 Tuttlingen (DE). OERTMANN, Friedrich-Wilhelm [DE/DE]; Schützenstrasse 52/1, 78532 Tuttlingen (DE). RENNERT, Torsten [DE/DE]; Grundweg 9, 78532 Tuttlingen (DE). SCHUSTER, Stefan [DE/DE]; Martin-Luther-Weg 3, 78532 Tuttlingen (DE). SCHWANKE, Wolfgang [DE/DE]; Jahnstrasse 49, 78604 Rietheim-Weilheim (DE).
- (74) BÖHME, Ulrich; Hoeger, Stellrecht & Partner Patentanwälte, Umlandstrasse 14c, 70182 Stuttgart (DE).
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ABSORBENT ARTICLE WITH FLUID TREATMENT AGENT
• ARTICLE ABSORBANT COMPOSANT UN FLUIDE DE TRAITEMENT
- (71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).
- (72) POTTS, David, Charles; 5268 Wynterhall Court, Dunwoody, GA 30338 (US). LITTLE, Sylvia, Bandy; 3051 Intrepid Close, Marietta, GA 30062 (US). LIN, Brian, Eric; 29006 Gardner Drive, Alpharetta, GA 30004 (US). KISH, Teri, Taylor; 10355 Virginia Pine Lane, Alpharetta, GA 30022 (US). GREEN, Ramonica, Frances; 2010 Treeridge Parkway, Alpharetta, GA 30022 (US). WALDROUP, Donald, E.; 325 Toddwick Drive, Roswell, GA 30075 (US).
- (74) RAUCH, Melanie, I. et al. / etc.; Pauley Petersen Kinne & Erickson, 2800 West Higgins Road, Suite 365, 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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61L 15/22, 15/60, A61F 13/15, A61L 15/42
- (11) WO 03/041752 (13) A1
- (21) PCT/US02/31943
- (22) 24 Sep/sep 2002 (24.09.2002)
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- (30) 10/035,701 9 Nov/nov 2001 US
(09.11.2001)
- (30) 10/034,855 28 Dec/déc 2001 US
(28.12.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ABSORBENT ARTICLE WITH FLUID TREATMENT AGENT
• ARTICLE ABSORBANT COMPOSANT UN FLUIDE DE TRAITEMENT
- (71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).
- (72) POTTS, David, Charles; 5628 Wynterhall Court, Dunwoody, GA 30338 (US). LIN, Brian, Eric; 29006 Gardner Drive, Alpharetta, GA 30004 (US). MOCADLO, Cheryl, Ann; 302 West Beacon Avenue, New London, WI 54961 (US).
- (74) RAUCH, Melanie, I. et al. / etc.; PAULEY PETERSEN KINNE & ERICKSON, 2800 West Higgins Road, Suite 365, 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
- (51)⁷ A61L 15/22, 15/42, A61F 13/15
- (11) WO 03/041751 (13) A2
- (21) PCT/US02/31942
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 10/035,701 9 Nov/nov 2001 US
(09.11.2001)
- (30) 10/034,637 28 Dec/déc 2001 US
(28.12.2001)

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RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 24/02, A61K 6/033
- (11) WO 03/041753 (13) A1
- (21) PCT/CH02/00543
- (22) 1 Oct/oct 2002 (01.10.2002)
- (25) fr (26) fr
- (30) 2086/01 14 Nov/nov 2001 CH
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- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PASTY OR LIQUID MULTIPLE CON-
STITUENT COMPOSITIONS FOR IN-
JECTABLE CALCIUM PHOSPHATE
CEMENTS
- MULTICOMPOSANTS PATEUX OU LI-
QUIDES POUR CIMENTS PHOSPHO-
CALCIQUES INJECTABLES
- (71) ECOLE POLYTECHNIQUE FED-
ERALE DE LAUSANNE (EPFL)
[CH/CH]; c/o Service des Relations In-
dustrielles (SRI), CM-Ecublens, CH-1015
Lausanne (CH).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) LEMAITRE, Jacques [BE/CH]; Ch. de
la Fauvette 30F, CH-1012 Lausanne (CH).
PITTEY, Christian [CH/CH]; Champ-Fleuri
12, CH-1022 Chavannes-Renens (CH).
BRENDLEN, David [FR/CH]; Avenue du
Tir-Fédéral 48A, CH-1024 Ecublens (CH).
- (74) ROLAND, André; Avenue Tissot 15, CP
1255, CH-1001 Lausanne (CH).
- (81) CA JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ A61L 27/34, 31/10, G02B 1/04
- (11) WO 03/041754 (13) A1
- (21) PCT/EP02/12710
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/332,289 14 Nov/nov 2001 US
(14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MEDICAL DEVICES HAVING AN-
TIMICROBIAL COATINGS THEREON
- DISPOSITIFS MEDICAUX A REVETE-
MENTS ANTIMICROBIENS
- (71) NOVARTIS AG [CH/CH]; Lichtstrasse 35,
4056 Basel (CH).
*(for all designated States except / pour tous
les États désignés sauf AT US)*
- (71) NOVARTIS PHARMA GMBH [AT/AT];
Brunner Strasse 59, A-1235 Vienna (AT).
(only for / seulement pour AT)
- (72, 75) MORRIS, Carol, Ann [AU/US]; 4060
Prince Charles Drive, Duluth, GA 30097
(US). GABRIEL, Manal, M. [US/US];
- 2774 Whitehurst Drive, Marietta, GA 30062
(US). QIU, Yongxing [CN/US]; 540 Stedford
Lane, Duluth, GA 30097 (US). WINTER-
TON, Lynn, Cook [US/US]; 840 Locust
Grove Court, Alpharetta, GA 30201 (US).
LALLY, John, Martin [IE/US]; 1503 Hart-
man Drive, Lilburn, GA 30047 (US). ASH,
Marcia, Kay [US/US]; 4415 Riders Ridge
Trail, Snellville, GA 30039 (US). CARNEY,
Fiona, Patricia [AU/US]; 1418 Willow Lake
Drive, Atlanta, GA 30329 (US). MORGAN,
Courtney, Flem [US/US]; 3215 Summer
View Drive, Alpharetta, Ga 30022 (US).
- (74) GROS, Florent; Novartis AG, Corporate In-
tellectual Property, Patent & Trademark De-
partment, 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
TN TR TT UA US UZ VC VN YU ZA ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP
(AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
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- (51)⁷ A61L 27/34, 29/08, 31/10, 33/06
- (11) WO 03/041755 (13) A2
- (21) PCT/US02/35513
- (22) 5 Nov/nov 2002 (05.11.2002)
- (25) en (26) en
- (30) 10/011,346 12 Nov/nov 2001 US
(12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • COATINGS FOR DRUG DELIVERY DE-
VICES
- FILM POUR DISPOSITIFS D'APPORT
DE MEDICAMENT
- (71) ADVANCED CARDIOVASCULAR SYS-
TEMS, INC. [US/US]; 3200 Lakeside Drive,
Santa Clara, CA 95054-2807 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) PACETTI, Stephen, Dirk [—/US];
4578 Madoc Way, San Jose, CA 95130 (US).
- (74) KERRIGAN, Cameron et al. / etc.; Squire,
Sanders & Dempsey, L.L.P., 600 Hansen Way,
Palo Alto, CA 94304-1043 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61L 27/54, 29/16, 31/16
- (11) WO 03/041756 (13) A1
- (21) PCT/BE02/00165
- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) en (26) en
- (30) 01870238.1 8 Nov/nov 2001 EP
(08.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ENDOLUMINAL DEVICES COATED
WITH LATRUNCULIN TO PREVENT
INGROWTH OF CELLS
- DISPOSITIFS ENDOLUMINAUX RE-
VETUS DE LATRUNCULINE EN VUE
D'EMPECHER LA CROISSANCE DE
CELLULES
- (71) DSB INVEST HOLDING SA [LU/LU]; 1
Rue Goethe, L-1637 Luxembourg (LU).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) DE SCHEERDER, Ivan [BE/BE];
Keeromstraat 5A, B-3020 Herent (BE).
BOSMANS, Johan [BE/BE]; Bremstraat 5,
B-2500 Lier (BE). SALU, Koen [BE/BE];
Acht Eeuwenlaan 33, bus 3, B-2650 Edegem
(BE).
- (74) VAN REET, Joseph et al. / etc.; Gevers
& Vander Haeghen, Holidaystraat 5, B-1831
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d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL PT
RO RU SC SD SE SG SI SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ A61L 29/00
- (11) WO 03/041757 (13) A2
- (21) PCT/US02/36716
- (22) 14 Nov/nov 2002 (14.11.2002)
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- (30) 60/336,307 14 Nov/nov 2001 US
(14.11.2001)
- (30) 60/399,882 31 Jul/juil 2002 US
(31.07.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CATHETER INJECTABLE DE-
POT COMPOSITIONS AND USES
THEREOF
- COMPOSITIONS EN DEPOT INJEC-
TABLES PAR CATHETER ET UTILISA-
TIONS
- (71) ALZA CORPORATION [US/US]; 1900
Charleston Road, P.O. BOX 7210, Mountain
View, CA 94039-7210 (US).
- (72) CHEN, Guohua; 399 Sunset Avenue, Sun-
nyvale, CA 94086 (US). HOUSTON, Paul,
Ricky; 3889 Blackstone Court, Hayward, CA
94542 (US). KLEINER, Lothar, Walther;

- 295 Los Altos Court, Los Altos, CA 94022 (US). **WRIGHT, Jeremy, Corwin**; 631 Cuesta Drive, Los Altos, CA 94024-4135 (US).
- (74) **DATE, Vandana et al. / etc.**; ALZA CORPORATION, 1900 Charleston Road, P.O. Box 7210., Mountain View, CA 94039-7210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61L 31/04, C12N 5/08**
- (11) **WO 03/041758** (13) A1
- (21) PCT/SE02/02058
- (22) **12 Nov/nov 2002 (12.11.2002)**
- (25) en (26) en
- (30) 0103827-2 **16 Nov/nov 2001 SE (16.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **NERVE REPAIR UNIT AND METHOD OF PRODUCING IT**
- **UNITE DE REPARATION DES NERFS ET SON PROCEDE DE PRODUCTION**
- (71, 72) **WIBERG, Mikael [SE/SE]**; Prästgården, S-870 33 Docksta (SE).
- (74) **ZACCO SWEDEN AB et al. / etc.**; P.O. Box 23101, Sveavägen 170, S-104 35 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61L 33/00**
- (11) **WO 03/041759** (13) A1
- (21) PCT/US02/36545
- (22) **13 Nov/nov 2002 (13.11.2002)**
- (25) en (26) en
- (30) 60/350,613 **13 Nov/nov 2001 US (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **SPRAY DRY PROCESS FOR APPLYING ANTICOAGULANT ON A SYRINGE BARREL**
- **PROCEDE DE DESSICCATION PAR ATOMISATION PERMETTANT D'APPLIQUER UN ANTICOAGULANT SUR UN CYLINDRE DE SERINGUE**
- (71) **BECTON, DICKINSON AND COMPANY [US/US]**; 1 Becton Drive, Franklin Lakes, NJ 07417 (US).
- (72) **BARKELL, Paul**; Allendale, Linkadells, Colebrook, Plympton, Plymouth, Devon PL7 4EF (GB). **CHURCH, Stephen**; 7 Tramway Road, Woolwell, Plymouth, Devon PL7 4EF (GB).
- (74) **MILES, Kirk, M. 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 (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61M**
- (11) **WO 03/041760** (13) A2
- (21) PCT/US02/35547
- (22) **6 Nov/nov 2002 (06.11.2002)**
- (25) en (26) en
- (30) 60/344,982 **9 Nov/nov 2001 US (09.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **BALLOON CATHETER WITH NON-DEPLOYABLE STENT**
- **CATHETER A BALLONNET COMPRENANT UN STENT NON DEPLOYABLE**
- (71) **NOVOSTE CORPORATION [US/US]**; 3890 Steve Reynolds Boulevard, Norcross, GA 30093 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FARNAN, Robert, C. [US/US]**; 3110 Ennfield Lane, Duluth, GA 30096 (US).
- (74) **MC FARRON, Gary, W. et al. / etc.**; Cook, Alex, McFarron, Manzo, Cummings Mehler, Ltd., 200 West Adams Street, Suite 2850, 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61M**
- (11) **WO 03/041761** (13) A2
- (21) PCT/US02/35600
- (22) **6 Nov/nov 2002 (06.11.2002)**
- (25) en (26) en
- (30) 60/344,426 **9 Nov/nov 2001 US (09.11.2001)**
- (30) 60/344,429 **9 Nov/nov 2001 US (09.11.2001)**
- (30) 10/000,000 **28 Oct/oct 2002 US (28.10.2002)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **SELF-PROPELLED, INTRALUMINAL DEVICE WITH HOLLOW, CYLINDRICAL HEAD AND METHOD OF USE**
- **DISPOSITIF INTRALUMINAL AUTO-PROPULSE A TETE CREUSE, CYLINDRIQUE ET PROCEDE D'UTILISATION ASSOCIE**
- (71) **ETHICON ENDO-SURGERY, INC. [US/US]**; 4545 Creek Road, Cincinnati, OH 45242 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LONG, Gary, L. [US/GB]**; 15 Donnay Close, Gerards Cross, Buckinghamshire SL9 782 (GB). **BALLY, Kurt, R. [US/US]**; 1042 Orchard Run Drive, Lebanon, OH 45036 (US). **STEFANCHIK, David [US/US]**; 9831 Whippoorwill Lane, Mason, OH 45040 (US).
- (74) **JOHNSON, Phillip, S.**; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US) et al. / etc.
- (81) AU BR CA CN JP MX US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ **A61M**
- (11) **WO 03/041762** (13) A2
- (21) PCT/US02/35897
- (22) **8 Nov/nov 2002 (08.11.2002)**
- (25) en (26) en
- (30) 10/008,563 **9 Nov/nov 2001 US (09.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **DISPOSABLE NEEDLE-FREE INJECTION APPARATUS AND METHOD**
- **PROCEDE ET APPAREIL A INJECTION JETABLE SANS AIGUILLE**
- (71) **BIOJECT MEDICAL TECHNOLOGIES INC. [US/US]**; 7620 SW Bridgeport Road, Portland, OR 97293 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LANDAU, Sergio [US/US]**; 49 South Peak Drive, Laguna Niguel, CA 92677 (US).
- (74) **HEUSER, Peter, E. et al. / etc.**; Kolisch Hartwell, P.C., Suite 200, 520 S.W. Yamhill Street, Portland, OR 97204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

- HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M
(11) WO 03/041763 (13) A2
(21) PCT/US02/36617
(22) 14 Nov/nov 2002 (14.11.2002)
(25) en (26) en
(30) 60/332,694 14 Nov/nov 2001 US
(14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • INTRADERMAL DELIVERY DEVICE
AND METHOD
• DISPOSITIF ET PROCÉDE D'ADMINI-
STRATION INTRADERMIQUE
(71) MEDICAL INSTILL TECHNOLOGIES,
INC. [US/US]; 417 West Avenue, Stamford,
CT 06902 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) PY, Daniel [FR/US]; 419 West Avenue,
Stamford, CT 06902 (US). CHAN, Julian, V.
[US/US]; 35 Ridge Road, Spring Valley, NY
01097 (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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M 1/16, 1/34
(11) WO 03/041764 (13) A1
(21) PCT/US02/31077
(22) 1 Oct/oct 2002 (01.10.2002)
(25) en (26) en
(30) 09/990,673 13 Nov/nov 2001 US
(13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD AND COMPOSITION FOR
REMOVING UREMIC TOXINS IN
DIALYSIS PROCESSES
• METHODE ET COMPOSITION SER-
VANT A ELIMINER LES TOXINES
UREMIQUES DANS DES PROCÉDES
DE DIALYSE
(71) BAXTER INTERNATIONAL INC.
[US/US]; One Baxter Parkway, DF3-3E,
Deerfield, IL 60015 (US).
(72) KAROOR, Sujatha; 29644 North Birch
Avenue, Lake Bluff, IL 60044 (US). DONO-
VAN, Brian; 2454 West Wilson #2, Chicago,
IL 60625 (US). HAI, Ton That; 12 N. Wa-
terford Drive, Round Lake, IL 60072 (US).
KATADA, Mari; 628 Library Place #B2-S,
Evanston, IL 60201 (US). LU, Luis; 9032
North Luna Avenue, Morton Grove, IL 60053
(US). MARTIS, Leo; 5524 Oldwood, Long
Grove, IL 60047 (US). MORTI, Stavroula;
1326 Chicago Avenue, Evanston, IL 60201
(US). MUJAI, Salim; 2742 The Mews,
Northbrook, IL 60062 (US). SANDERS,
Paul; 5240 Oakton Lane, Greendale, WI
53129 (US). SOLTYS, Paul; 820 Waterford
Court, Lake Zurich, IL 60047 (US). TAN-
DON, Rahul; 342 York Drive, Grayslake, IL
60030 (US).
(74) KELLY, Paula; Baxter Healthcare Corpo-
ration, One Baxter Parkway, DF3-3E, Deer-
field, IL 60015 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ A61M 5/00
(11) WO 03/041765 (13) A1
(21) PCT/DE02/04164
(22) 8 Nov/nov 2002 (08.11.2002)
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(30) 101 54 954.7 11 Nov/nov 2001 DE
(11.11.2001)
(30) PCT/DE02/03915 16 Oct/oct 2002 DE
(16.10.2002)
(43) 22 May/mai 2003 (22.05.2003)
(54) • ANESTHESIA SYRINGE
• SERINGUE POUR ANESTHESIE
(71, 72) MANSOURI, Said [DE/DE]; Soeser
Weg 19, 52070 Aachen (DE).
(74) CASTELL, Klaus et al. / etc.; Lierman-
Castell, Gutenbergstrasse 12, 52349 Düren
(DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M 5/00
(11) WO 03/041766 (13) A2
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(22) 18 Oct/oct 2002 (18.10.2002)
(25) en (26) en
(30) 60/332,171 14 Nov/nov 2001 US
(14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • SAFETY NEEDLE APPARATUS
• APPAREIL A AIGUILLE DE SURETE
(71) SHERWOOD SERVICES AG [CH/CH];
Schwertstrasse 9, CH-8201 Schaffhausen
(CH).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) STEWART, Bradley, M. [US/US]; 145
Hutchings Farm Drive South, O'Fallon, MO
63366 (US).
(74) LEONARDO, Mark, S.; Brown Rudnick
Berlack Israels LLP, One Financial Center,
Boston, MA 02111 (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 TN TR TT TZ UA UG US
UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M 5/142
(11) WO 03/041767 (13) A1
(21) PCT/IB02/04771
(22) 15 Nov/nov 2002 (15.11.2002)
(25) de (26) de
(30) 2001 2110/01 16 Nov/nov 2001 CH
(16.11.2001)
(30) 2002 0857/02 22 May/mai 2002 CH
(22.05.2002)
(43) 22 May/mai 2003 (22.05.2003)
(54) • MEDICAL PUMP DEVICE
• ENSEMBLE POMPE MEDICALE
(71) MEDINNOVATION AG [CH/CH]; c/o
SysControl AG, Badenerstrasse 281,
CH-8003 Zürich (CH).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) FÜCHSLIN, Rudolf, Marcel [CH/CH];
Badstrasse 34a, CH-5200 Brugg (CH).
WEISS, Markus [CH/CH]; Sunnewis 4,
CH-8494 Bauma (CH). DÜNKI, Rudolf
[CH/CH]; Tössuferweg 16, CH-8406 Win-
terthur (CH). MEIER, Peter, Fritz [CH/CH];
Bühlrain 22, CH-5000 Aarau (CH). NEFF,
Thomas [CH/CH]; Im Aeberli 6, CH-8708
Männedorf (CH). STOLL, Erich, Paul
[CH/CH]; Weidelackerstrasse 1, CH-8143
Stallikon (CH). SUTER, Andreas [CH/CH];
Rankstrasse 5, CH-5415 Nussbaumen (CH).
(74) E. BLUM & CO.; Vorderberg 11, CH-8044
Zürich (CH).

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

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

(51)⁷ A61M 5/20, 5/30

(11) WO 03/041768 (13) A1

(21) PCT/EP02/12769

(22) 14 Nov/nov 2002 (14.11.2002)

(25) de (26) de

(30) 101 55 770.1 14 Nov/nov 2001 DE (14.11.2001)

(30) 101 55 784.1 14 Nov/nov 2001 DE (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INJECTION DEVICE AND AMPOULE, PARTICULARLY FOR AN INJECTION DEVICE

• SYSTEME D'INJECTION ET AMPOULE DESTINEE NOTAMMENT A UN SYSTEME D'INJECTION

(71) RÖSCH MEDIZINTECHNIK AG [DE/DE]; Buckower Damm 114, 12349 Berlin (DE).

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

(72, 75) SCHULZ, Karl [DE/DE]; Eckenerstrasse 9, 31135 Hildesheim (DE).

(74) SCHNEIDER, Henry; Gulde Hengelhaupt Ziebig & Schneider, Schützenstrasse 15-17, 10117 Berlin (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 OM PH PL RO SG SI SK TN 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61M 5/24

(11) WO 03/041769 (13) A1

(21) PCT/US02/36329

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 10/008,373 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DENTAL SYRINGE

• SERINGUE DENTAIRE

(71, 72) LEE, Alexander [US/US]; 10 Gilletta Court, Closter, NJ 07624 (US).

(74) GARVEY, Christopher, B. et al. / etc.; 1077 Northern Boulevard, Roslyn, NY 11576 (US).

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

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

(51)⁷ A61M 5/28

(11) WO 03/041770 (13) A2

(21) PCT/US02/35876

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 60/337,681 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • COLLAPSIBLE SYRINGE CARTRIDGE RELATED CASES

• CARTOUCHE DE SERINGUE COMPRESSIBLE

(71) ALZA CORPORATION [US/US]; 1900 Charleston Road, P.O. Box 7210, Mountain View, CA 94039-7210 (US).

(72) DE LA SERNA, Pedro; 375 Patton Avenue, San Jose, CA 95128 (US). GILBERT, Scott, Jay; 1275 Avey Avenue, Menlo Park, CA 91025 (US).

(74) WEBB, Samuel, E. et al. / etc.; Alza Corporation, 1900 Charleston Road, P.O. Box 7210, Mountain View, CA 94039-7210 (US).

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

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

(51)⁷ A61M 5/32

(11) WO 03/041771 (13) A1

(21) PCT/JP02/11714

(22) 11 Nov/nov 2002 (11.11.2002)

(25) ja (26) ja

(30) 2001-346025 12 Nov/nov 2001 JP (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INJECTION NEEDLE RETRACTABLE INJECTOR

• INJECTEUR A AIGUILLE D'INJECTION RETRACTABLE

(71) JMS CO., LTD. [JP/JP]; 12-17, Kakomachi, Naka-ku, Hiroshima-shi, Hiroshima 730-8652 (JP).

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(72, 75) KUNISHIGE, Takahiko [JP/JP]; 5-72-4, Yamamoto, Asaminami-ku, Hiroshima-shi, Hiroshima 731-0137 (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 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ A61M 5/36

(11) WO 03/041772 (13) A1

(21) PCT/KR02/00528

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ko (26) en

(30) 2001/71359 16 Nov/nov 2001 KR (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A DEVICE FOR PREVENTING A REVERSE FLOW OF A MEDICAL SOLUTION DURING INJECTION

• DISPOSITIF POUR EMPECHER LE REFLUX D'UNE SOLUTION MEDICALE PENDANT L'INJECTION

(71) YEONWOO INDUSTRY CO., LTD [KR/KR]; Yeonwoo Bldg., 705-25 Yeoksam-dong, Kangnam-ku, Seoul 135-922 (KR).

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(72, 75) RHEE, Kye-han [KR/KR]; 5-101 Woosung Apt., Chamsil 7-dong, Songpa-ku, Seoul 138-227 (KR). WON, Yong-su [KR/KR]; 10-1204 Hyundai Apt., Dohwa-dong, Mapo-ku, Seoul 121-040 (KR). LEE, Kyong-muk [KR/KR]; 425 Chung-ri, Kusong-myeon, Yongin 449-916 (KR).

(74) KIM, Chang-koo; Rm. No. 406 Geunyoung Bldg., 735-32 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 A61M 5/44

(11) WO 03/041773 (13) A1

(21) PCT/NL02/00706

(22) 6 Nov/nov 2002 (06.11.2002)

(25) nl (26) en

(30) 1019347 12 Nov/nov 2001 NL (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DISPOSABLE FOR APPLICATION IN A DEVICE FOR HEATING A PHYSIOLOGICAL FLUID

• ELEMENT JETABLE POUVANT ETRE UTILISE DANS UN DISPOSITIF POUR CHAUFFER UN LIQUIDE ORGANIQUE

(71) VAN LIEBERGEN HOLDING B.V. [NL/NL]; Rietspinner 11, NL-3831 DP Leusden (NL).

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

(72, 75) TAK, Maurice, Petrus, Wilhelmus [NL/NL]; Breukersweg 19, NL-7552 EH Hengelo (NL). HASPERHOVEN, Jeroen, Gerbert [NL/NL]; Bronsvoorderdijk 19, NL-7437 PZ Bathmen (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ A61M 11/00, 16/00

(11) WO 03/041774 (13) A1

(21) PCT/IE02/00154

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 2001/0962 1 Nov/nov 2001 IE (01.11.2001)

(30) 2002/0407 21 May/mai 2002 IE (21.05.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • APPARATUS AND METHOD FOR DELIVERY OF MEDICAMENTS TO THE RESPIRATORY SYSTEM

• APPAREIL ET PROCÉDE D'APPORT DE MÉDICAMENTS AU SYSTÈME RESPIRATOIRE

(71) AEROGEN (IRELAND) LIMITED [IE/IE]; Galway Business Park, Dangan, Galway (IE).

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

(72, 75) POWER, John, Sylvester [IE/IE]; 40 Woodland park, Moycullen, County Galway (IE). REGAN, Desmond, John [IE/IE]; Carnaun, Kilrickle, Loughrea, County Galway (IE). MORAN, Declan [IE/IE]; Ballymoncen, Cregmore, Claregalway, County Galway (IE).

(74) O'BRIEN, John, A. et al. / etc.; c/o John A. O'Brien & Associates, Third Floor, Duncain House, 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 DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61M 11/06

(11) WO 03/041775 (13) A1

(21) PCT/IT02/00695

(22) 4 Nov/nov 2002 (04.11.2002)

(25) en (26) en

(30) BS2001U000091 12 Nov/nov 2001 IT (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DEVICE FOR WASHING NASAL CAVITIES AND COLLECTING CATARRHAL MATTER

• DISPOSITIF PERMETTANT DE LAVÉER DES CAVITÉS NASALES ET DE RECUEILLIR UNE MATIÈRE CATARRHALE

(71) FLAEM NUOVA S.P.A. [IT/IT]; Via Colli Storici, 221-223-225, I-25010 S. Martino della Battaglia (IT).

(72) ABATE, Riccardo; Via Colli Storici, 221-223-225, I-25010 S. Martino della Battaglia (IT).

(74) SANGIACOMO, Fulvia; Biesse S.R.L., Corso Matteotti, 42, I-25122 Brescia (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ A61M 15/00

(11) WO 03/041776 (13) A1

(21) PCT/US02/36801

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/336,320 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • AEROSOLIZATION APPARATUS COMPRISING CONNECTABLE BODY AND ENDPIECE

• APPAREIL DE PULVERISATION EN AEROSOL COMPRENANT UN CORPS ET UNE PARTIE D'EXTREMITE POUVANT ETRE RACCORDES

(71) NEKTAR THERAPEUTICS [US/US]; 150 Industrial Road, San Carlos, CA 94070 (US). PH & T S.P.A. [IT/IT]; Via Ariosta, 34, I-20145 Milan (IT).

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(72, 75) BURR, John, D. [US/US]; 1135 Cedarwood Way, Redwood City, CA 94061 (US). WOOD, Jeff, R. [US/US]; 1872 Apple-tree Lane, Mountain View, CA 94040 (US). SMITH, Adrian, E. [US/US]; 2803 Alhambra Drive, Belmont, CA 94002 (US). HOWARD, John, A. [US/US]; 3346 Kipling Street, Palo Alto, CA 94306 (US). NICCOLAI, Fabrizio [IT/IT]; Via Motta, 10, I-20144 Milan (IT).

(74) TUCKER, Guy, V. et al. / etc.; Nektar Therapeutics, 150 Industrial Road, San Carlos, CA 94070 (US).

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

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

(51)⁷ A61M 15/00

(11) WO 03/041777 (13) A1

(21) PCT/US02/36945

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/336,541 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • AEROSOLIZATION DEVICE WITH IMPROVED ENDPIECE CONNECTION

• DISPOSITIF A AEROSOL COMPRENANT UN EMBOUT DE RACCORDEMENT AMELIORE

(71) NEKTAR THERAPEUTICS [US/US]; 150 Industrial Road, San Carlos, CA 94070 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) BURR, John, D. [US/US]; 1135 Cedarwood Way, Redwood City, CA 94061 (US). WOOD, Jeff, R. [US/US]; 1872 Apple-tree Lane, Mountain View, CA 94040 (US). SMITH, Adrian, E. [US/US]; 2803 Alhambra Drive, Belmont, CA 94002 (US). HOWARD, John, A. [US/US]; 3346 Kipling Street, Palo Alto, CA 94306 (US).

- (74) TUCKER, Guy, V. et al. / etc.; Inhale Therapeutic Systems, Inc., 150 Industrial Road, San Carlos, CA 94070 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61M 16/00

(11) WO 03/041778 (13) A1

(21) PCT/FR02/03857

(22) 12 Nov/nov 2002 (12.11.2002)

(25) fr (26) fr

(30) 01/14684 13 Nov/nov 2001 FR (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • LUNG SIMULATOR
• SIMULATEUR DE POUMON

(71) SODEREL SA [FR/FR]; 10, rue du Côteau - ZI Ouest, F-54180 Heillecourt (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANCEL, Jean-Luc [FR/FR]; 22, avenue Louis Adt, F-54114 Jeandelaucourt (FR). GIGOUT, Thierry [FR/FR]; 48, rue Joseph Mouglin, F-54000 Nancy (FR). LAXENAIRE, Alexandre [FR/FR]; 43, rue d'Alsace, F-54140 Jarville (FR).

(74) POUPON, Michel; Cabinet Michel Poupon, 3, rue Ferdinand Brunot, F-88026 Epinal 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61M 16/00

(11) WO 03/041779 (13) A1

(21) PCT/US02/36863

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/336,233 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ACTIVE PUMP BRONCHIAL IMPLANT AND METHODS OF USE THEREOF

- POMPE BRONCHIQUE ACTIVE IMPLANTABLE ET METHODES D'UTILISATION

(63) US 60/336,233 (CIP)
14 Nov/nov 2001 (14.11.2001)

(71) EMPHASYS MEDICAL, INC. [US/US]; 2686 Middlefield Road, Suite A, Redwood City, CA 94063 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GIFFORD, Hanson, S., III [US/US]; 3180 Woodside Road, Woodside, CA 94062 (US). McCUTCHEON, John, G. [US/US]; 1790 Oak Avenue, Menlo Park, CA 94025 (US). FIELDS, Antony, J. [US/US]; 87 Vicksburg Street, San Francisco, CA 94114 (US).

(74) SEIDMAN, Stephanie, L. et al. / etc.; Heller Ehrman White & McAuliffe LLP, 4350 La Jolla Village Drive, 7th Floor, San Diego, CA 92122-1246 (US).

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

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

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

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

(51)⁷ A61M 16/00

(11) WO 03/041780 (13) A2

(21) PCT/NZ02/00246

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 515549 16 Nov/nov 2001 NZ (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • A NASAL POSITIVE PRESSURE DEVICE
• DISPOSITIF DE PRESSION POSITIVE POUR MASQUE NASAL

(71) FISHER & PAYKEL HEALTHCARE LIMITED [NZ/NZ]; PO Box 14348, Panmure, 15 Maurice Paykel Place, East Tamaki, Auckland 1706 (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) MCAULEY, Alastair, Edwin [NZ/NZ]; PO Box 14348, Panmure, 5/27 Lucerne Road, Remuera, Auckland 1005 (NZ). SMITH, Nicholas, Charles, Alan [NZ/NZ]; PO Box 14348, Panmure, 1/59 Ngatiawa Street, Onehunga, Auckland 1006 (NZ). DOYLE, Dominic, Robert [NZ/NZ]; PO Box 14348, Panmure, 16 Stewart Crescent, Palmerston North 5301 (NZ).

(74) ADAMS, Matthew, D. et al. / etc.; A J Park, 6th Floor Huddart Parker Building, PO Box 949, Wellington 6015 (NZ).

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

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

(51)⁷ A61M 21/00, A61G 10/00, A61H 33/06, A61F 7/00

(11) WO 03/041781 (13) A1

(21) PCT/US02/35670

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 60/338,157 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • FOLDING HOOD FOR A PERSONAL THERAPY COMPARTMENT
• GARNITURE PLIABLE POUR CAISON DE THERAPIE PERSONNEL

(71) VISIBELLE DERMA INSTITUTE, INC. [US/US]; 9220 James Avenue South, Bloomington, MN 55431 (US).

(72) DAFFER, Steven, J.; 6604 Sally Lane, Edina, MN 55439 (US). JOSTROM, Richard, W.; 3021 Brighton Blvd., Mound, MN 55364 (US).

(74) WESTMAN, Nickolas, E. 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 ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M 25/00, 27/00
- (11) WO 03/041782 (13) A1
- (21) PCT/EP02/12532
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) MI2001A002395 13 Nov/nov 2001 IT (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • AORTIC CANNULA
• CANULE AORTIQUE
- (71) POLITECNICO DI MILANO [IT/IT]; Piazza Leonardo da Vinci, 32, I-20133 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUMERO, Roberto [IT/IT]; Via Giotto, Residenza Meridiana 122, I-20080 Basiglio (IT). COSTANTINO, Maria, Laura [IT/IT]; Via Fratelli Cervi, Residenza Cerchi 412, I-20090 Segrate (IT). FIORE, Gianfranco, Beniamino [IT/IT]; Via Cesare Balbo, 13, I-20136 Milano (IT). GUADAGNI, Gualtiero [IT/IT]; Via Andrea Ponti, 15, I-20143 Milano (IT).
- (74) MITTLER, Enrico; Mittler & C. s.r.l., Viale Lombardia, 20, I-20131 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
(t) for the following designation / pour la désignation suivante : US
(u) for / pour US only / seulement
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- (51)⁷ A61M 25/00
- (11) WO 03/041783 (13) A1
- (21) PCT/US02/29540
- (22) 18 Sep/sep 2002 (18.09.2002)
- (25) en (26) en
- (30) 10/007,536 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • INTRAVASCULAR MICROCATHETER HAVING HYPOTUBE PROXIMAL SHAFT WITH TRANSITION
• MICROCATHETER INTRAVASCULAIRE A GAINE PROXIMALE DE TUBE HYPODERMIQUE DOTEE D'UNE TRANSITION
- (71) SCIMED LIFE SYSTEMS, INC. [US/US]; One SciMed Place, Maple Grove, MN 55311 (US).
- (72) GRIFFIN, Stephen; 1042 Reed Terrace, Apt. #2, Sunnyvale, CA 94086 (US). MIRIGIAN, Gregory, E.; 5737 North Dublin Ranch Drive, Dublin, CA 94568 (US). YE, Tina; 3148 Cortona Drive, San Jose, CA 95135 (US).
- (74) CROMPTON, David, M. et al. / etc.; Crompton, Seager & Tufte, LLC, 1221 Nicollet Avenue, Suite 800, Minneapolis, MN 55403-2420 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A61M 25/00
- (11) WO 03/041784 (13) A2
- (21) PCT/US02/35685
- (22) 6 Nov/nov 2002 (06.11.2002)
- (25) en (26) en
- (30) 09/992,838 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • GUIDE WIRE WITH A NON-RECTANGULAR SHAPING MEMBER
• FIL-GUIDE PRESENTANT UN ELEMENT A MISE EN FORME NON RECTANGULAIRE
- (71) ADVANCED CARDIOVASCULAR SYSTEMS, INC. [US/US]; 3200 Lakeside Drive, Santa Clara, CA 95054-2807 (US).
- (72) WONG, Sharon, Y.; 2378 35th Avenue, San Francisco, CA 94116 (US).
- (74) FENG, Paul, Y. 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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M 25/00
- (11) WO 03/041785 (13) A2
- (21) PCT/US02/35696
- (22) 6 Nov/nov 2002 (06.11.2002)
- (25) en (26) en
- (30) 10/007,284 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CERAMIC REINFORCEMENT MEMBERS FOR MRI DEVICES
• ELEMENTS DE RENFORCEMENT EN CERAMIQUE POUR DISPOSITIFS IRM
- (71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US).
- (72) WEBER, Jan; 18112 89th Place North, Maple Grove, MN 55311 (US).
- (74) HOLT, Christopher, L. 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 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M 35/00, A61F 13/02
- (11) WO 03/041786 (13) A1
- (21) PCT/SE02/01780
- (22) 30 Sep/sep 2002 (30.09.2002)
- (25) sv (26) en
- (30) 0103276-2 1 Oct/oct 2001 SE (01.10.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DEVICE FOR ADMINISTRATION OF OINTMENT TO A SKIN AREA
• DISPOSITIF PERMETTANT D'ADMINISTRER UNE POMMADE SUR UNE ZONE CUTANEE
- (71) MEDEIKONOS AB [SE/SE]; Pusterviksgatan 3, S-413 01 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BENGTSOEN, Erik [SE/SE]; Ängsvägen 10B, S-435 43 Pixbo (SE). GUDMUNDSSON, Fredrik [SE/SE]; Lunntorpsgatan 13, S-412 74 Göteborg (SE). HANSSON, Carl-Otto [NO/SE]; Västervägen 4, S-429 31 Kullavik (SE).
- (74) AWAPATENT AB; Box 11394, S-404 28 Göteborg (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ

CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (m)

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

(u) for / pour US only / seulement

(51)⁷ A61M 39/00

(11) WO 03/041787 (13) A2

(21) PCT/CH02/00594

(22) 5 Nov/nov 2002 (05.11.2002)

(25) de (26) de

(30) 2097/01 15 Nov/nov 2001 CH (15.11.2001)

(30) 449/02 15 Mar/mar 2002 CH (15.03.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SAFETY DEVICE FOR AN INFUSION PUMP
• DISPOSITIF DE SECURITE POUR POMPE A PERFUSION

(71) ARCOMED AG [CH/CH]; Althardstrasse 146, CH-8105 Regensdorf (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VOLLENWEIDER, Marc [CH/CH]; Am Furtbach 3, CH-8106 Adlikon (CH).

(74) LIEBETANZ, Michael; Isler & Pedrazzini AG, Gothardstrasse 53, Postfach 6940, CH-8023 Zürich (CH).

(81) AU US.

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

(51)⁷ A61M 39/00

(11) WO 03/041788 (13) A1

(21) PCT/JP02/11715

(22) 11 Nov/nov 2002 (11.11.2002)

(25) ja (26) ja

(30) 2001-348142 14 Nov/nov 2001 JP (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • THREE-WAY STOPCOCK, AND LIQUID TRANSFUSION CIRCUIT OR BLOOD TRANSFUSION CIRCUIT EITHER USING THE THREE-WAY STOPCOCK

• ROBINET D'ARRET A TROIS VOIES ET CIRCUITS DE TRANSFUSION LIQUIDE OU SANGUINE UTILISANT CE ROBINET

(71) JMS CO., LTD. [JP/JP]; 12-17, Kakomachi, Naka-ku, Hiroshima-shi, Hiroshima 730-8652 (JP).

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

(72, 75) YUKI, Takehiko [JP/JP]; c/o JMS CO., LTD., 12-17, Kakomachi, Naka-ku, Hiroshima-shi, Hiroshima 730-8652 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A61M 39/18, 39/14

(11) WO 03/041789 (13) A1

(21) PCT/EP02/12657

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 0127224.4 13 Nov/nov 2001 GB (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CONNECTOR DEVICE FOR THE STERIL CONNECTION OF TUBES

• DISPOSITIF DE CONNEXION SERVANT A REALISER DES CONNEXIONS STERILES DE TUBES

(71) GLAXOSMITHKLINE BIOLOGICALS S.A. [BE/BE]; Rue de l'Institut 89, B-1330 Rixensart Brussels (BE).

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

(72, 75) THILLY, Jacques [BE/BE]; GlaxoSmithKline Biologicals s.a., Rue de l'Institut 89, B-1330 Rixensart Brussels (BE).

(74) WALKER, Ralph, Francis; GlaxoSmithKline, CN925.1, 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61N

(11) WO 03/041790 (13) A2

(21) PCT/US02/36652

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 60/350,241 10 Nov/nov 2001 US (10.11.2001)

(30) 60/355,558 6 Feb/fév 2002 US (06.02.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DIRECT CORTICAL CONTROL OF 3D NEUROPROSTHETIC DEVICES

• COMMANDE CORTICALE DIRECTE DE DISPOSITIFS NEUROPROTHESQUES EN 3D

(71) ARIZONA BOARD OF REGENTS [US/US]; Arizona State University, Bank One Building, Suite 201, 20 E. University, Tempe, AZ 85282 (US).

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

(72, 75) TAYLOR, Dawn, M. [US/US]; 19220 Van Aken Blvd., # 310, Shaker Heights, OH 44122 (US). SCHWARTZ, Andrew, B. [US/US]; 133 Old Mill Road, Pittsburgh, PA 15238-1941 (US). SCHWARTZ, Andrew, B. [US/US]; 133 Old Mill Road, Pittsburgh, PA (US).

(74) MACBLAIN, Thomas, D. et al. / etc.; Gallagher & Kennedy P.A., 2575 East Camelback Road, Phoenix, AZ 85016-9225 (US).

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

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

(51)⁷ A61N 1/05

(11) WO 03/041791 (13) A2

(21) PCT/US02/26495

(22) 20 Aug/août 2002 (20.08.2002)

(25) en (26) en

(30) 60/346,098 9 Nov/nov 2001 US (09.11.2001)

(30) 10/192,043 10 Jul/juil 2002 US (10.07.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MULTIFILAR CONDUCTOR FOR ENDOCARDIAL LEADS

• CONDUCTEUR MULTIFILAIRE POUR CONDUCTEURS ENDOCARDIQUES

(71) OSCOR, INC. [US/US]; 3816 DeSoto Boulevard, Palm Harbor, Florida 34683 (US).

(72) OSYPKA, Thomas, P.; 2209 Pinnacle Circle South, Palm Harbor, FL 34684 (US).

(74) NEWMAN, Richard, H.; Cummings & Lockwood, 700 State Street, New Haven, CT 06511 (US).

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

(51)⁷ A61N 1/05

(11) WO 03/041792 (13) A2

(21) PCT/US02/34974

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/344,984 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • HIGH IMPEDANCE DRUG ELUTING CARDIAC LEAD

• CONDUCTEUR CARDIAQUE D'ELUTION DE MEDICAMENTS A IMPEDANCE ELEVEE

(71) OSCOR INC. [US/US]; 3816 DeSoto Boulevard, Palm Harbor, FL 34683 (US).

(72) OSYPKA, Thomas, P.; 5094 Quill Court, Palm Harbor, FL 34685 (US). VAN DEN NIEUWENHOF, Ronald; 1535 Parker Point Blvd., Odessa, FL 33556 (US).

(74) WOFSY, Scott, D.; Cummings & Lockwood LLC., 700 State Street, P.O. Box 1960, New Haven, CT 06509-1960 (US).

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

(51)⁷ A61N 1/05

(11) WO 03/041793 (13) A2

(21) PCT/US02/34975

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/344,984 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CARDIAC LEAD WITH STEROID ELUTING RING

• CONDUCTEUR CARDIAQUE MUNIE D'UN ANNEAU D'ELUTION DE STEROIDES

(71) OSCOR INC. [US/US]; 3816 DeSoto Boulevard, Palm Harbor, FL 34683 (US).

(72) OSYPKA, Thomas, P.; 5094 Quill Court, Palm Harbor, FL 34685 (US). VAN DEN NIEUWENHOF, Ronald; 1535 Parker Point Blvd., Odessa, FL 33556 (US).

(74) WOFSY, Scott, D.; Cummings & Lockwood LLC., 700 State Street, P.O. Box 1960, New Haven, CT 06509-1960 (US).

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

(51)⁷ A61N 1/10

(11) WO 03/041794 (13) A1

(21) PCT/JP02/11338

(22) 31 Oct/oct 2002 (31.10.2002)

(25) ja (26) ja

(30) 2001/335578 31 Oct/oct 2001 JP (31.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • POTENTIAL TREATING UNIT AND INDUCTION CURRENT CONTROL METHOD

• UNITE DE TRAITEMENT POTENTIEL ET PROCEDE DE REGULATION DU COURANT D'INDUCTION

(71) HAKUJU INSTITUTE FOR HEALTH SCIENCE CO., LTD. [JP/JP]; 37-5, Tomigaya 1-chome, Shibuya-ku, Tokyo 151-0063 (JP).

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

(72, 75) OHSAKI, Kazuo [JP/JP]; c/o Hakuju Institute for, Health Science Co., Ltd., 37-5, Tomigaya 1-chome, Shibuya-ku, Tokyo 151-0063 (JP). ISAKA, Katsuo [JP/JP]; 2-9-5, Nakajosanjima-cho, Tokushima-shi, Tokushima 770-0813 (JP). HARA, Akikuni [JP/JP]; c/o Hakuju Institute for, Health Science Co., Ltd., 37-5, Tomigaya 1-chome, Shibuya-ku, Tokyo 151-0063 (JP).

(74) HAGIHARA, Makoto; Third Watanabe Building 9th Floor, 1-33, Shiba 2-chome, Minato-ku, Tokyo 105-0014 (JP).

(81) CA CN JP KR NO PH RU SG US.

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

Published / Publiée : (c)

(51)⁷ A61N 1/34, 1/32, A61B 5/0428

(11) WO 03/041795 (13) A1

(21) PCT/US02/09887

(22) 29 Mar/mar 2002 (29.03.2002)

(25) en (26) en

(30) 10/045,122 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MULTIPLEXED ELECTRODE ARRAY EXTENSION

• EXTENSION D'UN RESEAU D'ELECTRODES MULTIPLEXEES

(71) MEDTRONIC, INC. [US/US]; 710 Medtronic Parkway LC340, Minneapolis, MN 55432 (US).

(72) STYPULKOWSKI, Paul, H.; 61 Deer Hills Court, North Oaks, MN 55127 (US).

(74) BAUER, Stephen, W. et al. / etc.; Medtronic, Inc., 710 Medtronic Parkway LC 340, Minneapolis, MN 55432 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK ES FI FR GB GR IE 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 A61N 1/362, 1/368

(11) WO 03/041796 (13) A2

(21) PCT/US02/31347

(22) 1 Oct/oct 2002 (01.10.2002)

(25) en (26) en

(30) 10/008,464 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ADJUSTABLE CARDIAC RESYNCHRONIZATION

• RESYNCHRONISATION CARDIAQUE REGLABLE

(71) MEDTRONIC, INC. [US/US]; LC 340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(72) VANHOUT, Warren, L.; 313 Dogwood court, Saline, MI 48176 (US).

(74) WOLDE-MICHAEL, Girma et al. / etc.; 710 Medtronic Parkway NE, Minneapolis, MN 55432-5601 (US).

(81) CA JP.

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

(51)⁷ A61N 1/37, 1/365, 1/368

(11) WO 03/041797 (13) A2

(21) PCT/US02/36821

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 10/001,223 15 Nov/nov 2001 US (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM FOR DETERMINING CHANGES IN HEART FAILURE STATUS

• SYSTEME PERMETTANT DE DETERMINER DES CHANGEMENTS AU NIVEAU DE L'ETAT D'INSUFFISANCE CARDIAQUE

(71) CARDIAC PACEMAKERS, INC. [US/US]; 4100 Hamline Avenue North, St. Paul, MN 55112 (US).

(72) ZHU, Qingsheng; 3025 Valento Lane, Little Canada, MN 55117 (US). SPINELLI, Julio, C.; 5612 Chatsworth Street, Shoreview, MN 55126 (US). KENKNIGHT, Bruce, H.; 16552 83rd Avenue North, Maple Grove, MN 55311 (US). WARREN, Jay, A.; 14 Lake Bay, North Oaks, MN 55127 (US).

(74) STEFFEY, Charles, E. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

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

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

- (51)⁷ A62B 1/00, 1/22
 (11) WO 03/041798 (13) A1
 (21) PCT/EP02/12684
 (22) 13 Nov/nov 2002 (13.11.2002)
 (25) de (26) de
 (30) 101 56 018.4 15 Nov/nov 2001 DE (15.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • PARACHUTE RESCUE SYSTEM FOR MULTISTOREY BUILDINGS
 • SYSTEME DE SAUVETAGE PAR PARACHUTE DESTINE A DES IMMEUBLES
 (71, 72) STRAUSS, Otto [DE/DE]; Joseph-Schmidt-Weg 5, 59759 Arnsberg (DE). TRAUTES, Peter [DE/DE]; Lohstrasse 12, 58802 Balve (DE).
 (74) FRITZ, Edmund, Lothar et al. / etc.; Osentor, 59757 Arnsberg (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A62B 1/10
 (11) WO 03/041799 (13) A1
 (21) PCT/EP02/11724
 (22) 19 Oct/oct 2002 (19.10.2002)
 (25) de (26) de
 (30) 201 17 299.2 25 Oct/oct 2001 DE (25.10.2001)
 (30) 202 00 300.0 10 Jan/jan 2002 DE (10.01.2002)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • RAPPELLING DEVICE FOR PERMITTING PERSONS TO BE RESCUED FROM HIGH BUILDINGS, TOWERS OR THE LIKE
 • DISPOSITIF DE DESCENTE EN RAPPEL PERMETTANT DE SECOURIR DES PERSONNES DEPUIS DE HAUTS EDIFICES, DES TOURS OU ANA-LOGUES.
 (71, 72) RIBIC, Harald [DE/DE]; Erdelhofs-trasse 7, 44357 Dortmund (DE).
 (74) MEINKE, Julius et al. / etc.; Rosa-Luxemburg-Strasse 18, 44141 Dortmund (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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A62B 23/00
 (11) WO 03/041801 (13) A1
 (21) PCT/IT02/00718
 (22) 12 Nov/nov 2002 (12.11.2002)
 (25) en (26) en
 (30) PS01A000028 15 Nov/nov 2001 IT (15.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • FILTERING SYSTEM FOR THE PROTECTION AGAINST BIOLOGICAL AGENTS
 • SYSTEME DE FILTRAGE ASSURANT UNE PROTECTION CONTRE LES AGENTS BIOLOGIQUES
 (71) CL. COM [IT/IT]; Advanced Technology, Via F. Guarini 13, I-47100 Forlì (IT).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) CERBINI, Stefano [IT/IT]; Via Torricelli 10, I-61100 Pesaro (IT). LO IOCO, Pasqualino [IT/IT]; Via Certaldo 523, I-47023 Cesena (IT).
-
- (51)⁷ A62B 3/00
 (11) WO 03/041800 (13) A1
 (21) PCT/GB02/04876
 (22) 28 Oct/oct 2002 (28.10.2002)
 (25) en (26) en
 (30) 0127083.4 10 Nov/nov 2001 GB (10.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • DEVICE FOR BREAKING GLASS
 • DISPOSITIF PERMETTANT DE CAS-SER UNE VITRE
 (71) P.W. ALLEN & COMPANY LIMITED [GB/GB]; Allen House, Alexandra Way, Ashchurch Business Centre, Tewkesbury GL20 8TD (GB).
 (72) PEERS-SMITH, Roy, Peter; Bramley Tree, Backney, Sellack, Ross on Wye HR9 6QX (GB). PARTINGTON, Anthony, Graham; 4 Paxhill Lane, Twynning, Tewkesbury, Gloucestershire GL20 6DU (GB). LAWRENCE, Martin; 3 Frogmore Road, Huntley, Gloucestershire GL19 3EP (GB).
 (74) MOSEY, Stephen, George 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A62B 35/00, C08G 63/60, D03D 15/00
 (11) WO 03/041802 (13) A1
 (21) PCT/US01/43494
 (22) 13 Nov/nov 2001 (13.11.2001)
 (25) en (26) en
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • HIGH-MOLECULAR WEIGHT POLYMERS AND METHODS OF MANUFACTURE
 • POLYMERES A POIDS MOLECULAIRE ELEVE ET LEURS PROCEDES DE FABRICATION
 (71) HONEYWELL INTERNATIONAL INC. [US/US]; PO Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) SRIDHARAN, Srinivasan [IN/US]; Honeywell International Inc., PO Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US). YOUNG, John [GB/US]; Honeywell International Inc., PO Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US). ARTHUR, Donald [US/US]; Honeywell International Inc., PO Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US). TAM, Thomas [US/US]; Honeywell International Inc., PO Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US).
 (74) FISH, Robert; Fish & Associates, LLP, 1440 N. Harbor Blvd., Suite 706, Fullerton, CA 92835 (US).
 (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG
-
- (74) SCRIMA, Roberto; Via Battisti 139, I-61100 Pesaro (IT).
 (81) AE AG AL (Utility model / modèle d'utilité) AU BA BB BR BZ CA CN (Utility model / modèle d'utilité) CO CR CU DM DZ EC GD GE HR HU ID IL IN IS JP (Utility model / modèle d'utilité) KP KR LC LK LR LT LV MA MG MK MN MX NZ OMPH PL (Utility model / modèle d'utilité) RO RU SG SI TN 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 Published / Publiée : (c)
 Declarations / Déclarations :
 (r) for the following designations / pour les désignations suivantes : AE AG AL AU BA BB BR BZ CA CN CO CR CU DM DZ EC GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NZ OM PH PL RO RU SG SI TN TT UA 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LUMC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
 (u) for / pour US only / seulement
-

MK MN MW MX MZ NO NZ PH PL PT RO
RU SD SE SG SI SK (Utility model / modèle
d'utilité) SK SL TJ TM TR TT TZ UA UG
US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE 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 A62C 3/00, A47G 29/122

(11) WO 03/041803 (13) A1

(21) PCT/GB02/05181

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 0127285.5 14 Nov/nov 2001 GB
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FIRE PROOFED CONTAINERS
• CONTENANTS RESISTANTS AU FEU

(71) ENVIRONMENTAL SEALS LTD
[GB/GB]; Envirograf House, Barfreston,
Nr. Dover, Kent CT15 7JG (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WARD, Derek, Alfred [GB/GB]; War-
cott Lodge, Roman Road, Maydensole,
Dover, Kent CT15 5HR (GB).

(74) FRY, Alan, Valentine et al. / etc.; Fry Heath
& Spence, The Gables, Massetts Road, Hor-
ley, Surrey RH6 7DQ (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 SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

(51)⁷ A62C 31/00, 35/02, 2/08, B05B 1/14, 7/10

(11) WO 03/041804 (13) A1

(21) PCT/NO01/00445

(22) 12 Nov/nov 2001 (12.11.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • ARRANGEMENT AT A FIRE CON-
TROL PIPE
• ENSEMBLE POUR TUYAU D'EXTINC-
TION D'INCENDIE

(71, 72) LOG, Torgrim [NO/NO]; Steinhaug-
bakken 13, N-5545 Vormedal (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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT TZ
UA UG US UZ VN YU ZA ZW.

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

(51)⁷ A62C 31/12, B05B 3/06, 3/04

(11) WO 03/041805 (13) A2

(21) PCT/CA02/01744

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 09/987,537 15 Nov/nov 2001 US
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ROTARY FOAM NOZZLE
• BUSE ROTATIVE DE DISTRIBUTION
DE MOUSSE

(71) NATIONAL RESEARCH COUNCIL OF
CANADA [CA/CA]; 1200 Montreal Road,
Ottawa, Ontario K1A 0R6 (CA).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CRAMPTON, George [CA/CA]; 649
Corkery Rd., Carp, Ontario K0A 1L0 (CA).

(74) KINSMAN, Anne, L. et al. / etc.; Borden
Ladner Gervais LLP, World Exchange Plaza,
100 Queen Street, Suite 1100, Ottawa, On-
tario K1P 1J9 (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 SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

(51)⁷ A62C 35/58, 37/36

(11) WO 03/041806 (13) A1

(21) PCT/CH02/00294

(22) 5 Jun/juin 2002 (05.06.2002)

(25) fr (26) fr

(30) 01811087.4 13 Nov/nov 2001 EP
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FOAM FIRE EXTINGUISHING IN-
STALLATION
• INSTALLATION D'EXTINCTION D'IN-
CENDIE A MOUSSE

(71, 72) CIOCCA, Claude [CH/CH]; 2, Avenue
des Alpes, CH-1006 Lausanne (CH).

(74) GRESSET-LAESSER; Puits-Godet 8A,
CH-2000 Neuchâtel (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 TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 5/00, A62B 17/00

(11) WO 03/041807 (13) A1

(21) PCT/IT02/00719

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) PS01A000029 15 Nov/nov 2001 IT
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PROTECTIVE CLOTHING AGAINST
BIOLOGICAL AGENTS
• VETEMENT PROTECTEUR CONTRE
LES AGENTS BIOLOGIQUES

(71) CL. COM [IT/IT]; Advanced Technology,
Via F. Guarini 13, I-47100 Forlì (IT).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CERBINI, Stefano [IT/IT]; Via Tor-
ricelli 10, I-61100 Pesaro (IT). LO IOCO,
Pasqualino [IT/IT]; Via Certaldo 523,
I-47023 Cesena (IT).

(74) SCRIMA, Roberto; Via Battisti 139,
I-61100 Pesaro (IT).

(81) AE AG AL AU BA BB BR BZ CA CN CO
CR CU DM DZ EC GD GE HR HU ID IL IN
IS JP KP KR LC LK LR LT LV MA MG MK
MN MX NZ OM PH PL RO RU SG SI TN
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 BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les
désignations suivantes : AE AG AL AU BA BB
BR BZ CA CN CO CR CU DM DZ EC GD GE
HR HU ID IL IN IS JP KP KR LC LK LR LT LV
MA MG MK MN MX NZ OM PH PL RO RU SG
SI TN TT UA 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 BG CH CY
CZ DE DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR) OA (BF BJ CF CG CI CM GA GN
GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ A63B

(11) WO 03/041808 (13) A2

(21) PCT/GB02/05048

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 0127063.6 10 Nov/nov 2001 GB
(10.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A GOLFING PUTTER

- FER DROIT DE GOLF
- (71, 72) **ROBBINS, Philip**, Conway [GB/GB]; 20 Millend Cottages, Low Road, Eyke, Woodbridge, Suffolk IP12 2QF (GB). **ROBBINS, Richard** [GB/GB]; 20 Muswell Avenue, London N10 2EG (GB). **GOODA, Charles, James** [GB/GB]; 7 Glevering Hall, Glevering Park, Hacheston, Woodbridge, Suffolk IP13 0EU (GB).
- (74) **MCLEAN, Robert, Andreas et al.** / etc.; Dummett Copp, 25 The Square, Martlesham Heath, Ipswich IP5 3SL (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A63B 21/00**
- (11) **WO 03/041809** (13) A2
- (21) PCT/US02/36383
- (22) **13 Nov/nov 2002 (13.11.2002)**
- (25) en (26) en
- (30) 60/332,468 **13 Nov/nov 2001 US (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • EXERCISE APPARATUS
- APPAREIL POUR EXERCICE PHYSIQUE
- (71) **KEISER CORPORATION** [US/US]; 2470 S. Cherry Avenue, Fresno, CA 93706 (US).
- (72) **KEISER, Dennis, L.**; 10779 E. Ashlan, Sanger, CA 93657 (US).
- (74) **DELANEY, Karoline, A.**; **KNOBBE, MARTENS, OLSON & BEAR, LLP**, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A63B 23/02, 21/06**
- (11) **WO 03/041810** (13) A1
- (21) PCT/SE02/02062
- (22) **15 Nov/nov 2002 (15.11.2002)**
- (25) sv (26) en
- (30) 0103815-7 **16 Nov/nov 2001 SE (16.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • WEIGHT EQUIPMENT FOR SITUPS AND BACK EXTENSIONS
- EQUIPEMENT LESTE POUR REDRESSEMENTS ASSIS ET ENROULEMENTS DORSAUX
- (71, 72) **ÅHMAN, Johan** [SE/SE]; Loftvägen 1 E, S-907 50 Umeå (SE).
- (74) **JOHANSSON, Lars**; Solidéra, Aktrisgränd 31, S-903 64 Umeå (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A63B 23/04, 22/08, 21/015**
- (11) **WO 03/041811** (13) A1
- (21) PCT/IB02/05085
- (22) **4 Nov/nov 2002 (04.11.2002)**
- (25) en (26) en
- (30) 10/008,414 **13 Nov/nov 2001 US (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ADJUSTABLE STATIONARY EXERCISE BICYCLE
- VELO D'EXERCICE FIXE REGLABLE
- (71, 72) **FORCILLO, John** [CA/CA]; 63 Pointe-Langlois, Laval, Quebec H7L 3J4 (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ **A63B 27/00, E06C 9/04**
- (11) **WO 03/041812** (13) A1
- (21) PCT/SE02/01819
- (22) **7 Oct/oct 2002 (07.10.2002)**
- (25) sv (26) en
- (30) 0103376-0 **11 Oct/oct 2001 SE (11.10.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • STEP IN POWER LINE POLES
- REPOSE-PIED DESTINE A ETRE FIXE SUR UN POTEAU ELECTRIQUE
- (71, 72) **PÅLSBRING, Hans** [SE/SE]; Smedsbo, S-730 71 Salbohed (SE).
- (74) **BERGGREN, Björn**; Långrevsgatan 1, S-723 49 Västerås (SE).
- (81) AU CA CN CZ IL KR NO PL US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ **A63B 43/00**
- (11) **WO 03/041813** (13) A1
- (21) PCT/IB02/04673
- (22) **8 Nov/nov 2002 (08.11.2002)**
- (25) en (26) en
- (30) 2001/9435 **15 Nov/nov 2001 ZA (15.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • STREAMER BALL
- BALLE A SERPENTINS
- (71, 72) **GORMLEY, Ian, Gavin** [ZA/ZA]; 122 Lambert Road, Morningside, 4001 Durban (ZA).
- (74) **ROTTEVEEL, Martin**; Adams & Adams, Private Bag 16, 7 Nollsworth Crescent, Nollsworth Park La Lucia Ridge Office Estate, La Lucia, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A63B 43/00, 69/00**
- (11) **WO 03/041814** (13) A1
- (21) PCT/IB02/04678
- (22) **7 Nov/nov 2002 (07.11.2002)**
- (25) en (26) en
- (30) 2001/9434 **15 Nov/nov 2001 ZA (15.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • TETHERBALL-TYPE GAME APPARATUS
- APPAREIL DE JEU DE TYPE BALLON CAPTIF
- (71, 72) **GORMLEY, Ian, Gavin** [ZA/ZA]; 122 Lambert Road, Morningside, 4001 Durban (ZA).
- (74) **ROTTEVEEL, Martin**; Adams & Adams, Private Bag 16, 7 Nollsworth Crescent, Nollsworth, La Lucia Ridge Office Estate, La Lucia, 4320 Umhlanga (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A63B 53/02

(11) WO 03/041815 (13) A1

(21) PCT/CN01/01548

(22) 12 Nov/nov 2001 (12.11.2001)

(25) zh (26) zh

(43) 22 May/mai 2003 (22.05.2003)

(54) • MULTI-FUNCTIONAL GOLF PUTTER
• PUTTER DE GOLF MULTIFONCTION

(71, 72) JEACKER, Shaow [CN/CN]; No. 11, Jo-Jia Road, Ta-Li City, Taichung City, Taiwan (CN).

(74) BEIJING BEIXIN-ZHICHENG PATENT AGENT CO., LTD.; No. 16, Xizhimen Nandajie, Xicheng District, Beijing 100035 (CN).

(81) AE AG AL (Utility model / modèle d'utilité) AM (Utility model / modèle d'utilité) 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 CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DM DZ EC EE (Utility model / modèle d'utilité) ES (Utility model / modèle d'utilité) FI (Utility model / modèle d'utilité) GB GD GE (Utility model / modèle d'utilité) GH GM HR HU (Utility model / modèle d'utilité) ID IL IN IS JP 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 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 (Petty patent) ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 53/04, 53/08

(11) WO 03/041816 (13) A1

(21) PCT/US02/35833

(22) 6 Nov/nov 2002 (06.11.2002)

(25) en (26) en

(30) 09/990,689 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • GOLF CLUB HEAD WITH VARIABLE FACE THICKNESS
• TETE DE CLUB DE GOLF A EPAISSEUR DE FACE VARIABLE

(63) US 09/990,689 (CIP) 9 Nov/nov 2001 (09.11.2001)

(71) TROPHY SPORTS, INC. [US/US]; 909 Radecki Court, City of Industry, CA 91748 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIOU, Jethro [US/US]; 909 Radecki Court, City of Industry, CA 91748 (US).

(74) ABEL, David, B. et al. / etc.; Squire, Sanders & Dempsey L.L.P., 14th Floor, 801 South Figueroa Street, Los Angeles, CA 90017-5554 (US).

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

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

(51)⁷ A63B 53/14, B29C 33/42, B29D 15/00

(11) WO 03/041817 (13) A1

(21) PCT/US02/29822

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 10/007,608 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • IMPROVED MICROREPLICATED SURFACE
• AMELIORATION PORTANT SUR UNE SURFACE A MICROREPETITIONS

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) FERGUSON, Dennis, E.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). IN-SLEY, Thomas, I.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) HANSON, Karl, G. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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

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

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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations

(51)⁷ A63B 69/00

(11) WO 03/041818 (13) A2

(21) PCT/IE02/00159

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 2001/0991 15 Nov/nov 2001 IE (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A GOLF PUTTING TRAINER
• APPAREIL D'ENTRAINEMENT AU PUTTING

(71, 72) HOURIHAN, James [IE/IE]; Turfulla Road, Thurles, County Tipperary (IE). MOLONEY, Francis [IE/GB]; Braemore Lodge, 42 Victoria Road, Penarth CF64 3HY, Wales (GB).

(74) O'BRIEN, John, A. et al. / etc.; John A. O'Brien & Associates, Third Floor, Duncairn House, 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 DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A63C 5/075

(11) WO 03/041819 (13) A1

(21) PCT/IB02/04719

(22) 12 Nov/nov 2002 (12.11.2002)

(25) de (26) de

(30) BZ01A000056 16 Nov/nov 2001 IT (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DEVICE FOR DAMPING SKIS

- DISPOSITIF POUR L'AMORTISSEMENT DE SKIS
- (71, 72) WOLF, Alex [IT/IT]; Via Steinach, 25, I-39022 Lagundo (IT).
- (74) AUSSERER, Anton; Viale Stazione, 7, I-39100 Bolzano (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A63C 7/10

(11) WO 03/041820 (13) A1

(21) PCT/IT02/00717

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) T001A001067 13 Nov/nov 2001 IT (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • BRAKING DEVICE FOR SKI

• DISPOSITIF DE FREINAGE POUR SKI

(71, 72) PIVOTTO, Elia, Giovanni [IT/IT]; Strada Serra Della Boldrina 1, I-15040 Pecetto Di Valenza (IT).

(74) GARAVELLI, Paolo; A.BRE.MAR. S.R.L., Via Servais, 27, I-10146 Torino (IT).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A63C 11/02

(11) WO 03/041821 (13) A1

(21) PCT/CH02/00589

(22) 31 Oct/oct 2002 (31.10.2002)

(25) de (26) de

(30) 2104/01 16 Nov/nov 2001 CH (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CARRYING DEVICE FOR ELONGATED SPORTS EQUIPMENT, PARTICULARLY SKIS, HAVING LOOPS WHICH ARE LOCATED AT BOTH

ENDS AND CAN BE DRAWN TOGETHER

- DISPOSITIF PORTEUR POUR ARTICLES DE SPORT OBLONGS, NOTAMMENT DES SKIS, COMPORTANT DES BOUCLES SE RACCOURCISANT, DISPOSEES AUX DEUX EXTREMITES

(71, 72) GILLI, Reto [CH/CH]; Unterdorfstrasse 4, CH-6232 Geuensee (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A63C 19/04

(11) WO 03/041822 (13) A1

(21) PCT/US02/35806

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 10/037,911 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • VERTICAL TO HORIZONTAL DRAINING SYNTHETIC TURF

• GAZON SYNTHETIQUES A DRAINAGE VERTICAL ET HORIZONTAL

(71) EVERGRASS, INC. [US/US]; 293 Boston Post Road West, Suite 320, Marlboro, MA 01752 (US).

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

(72, 75) DALUISE, Daniel, A. [US/US]; 11 Skyline Drive, Southboro, MA 01772 (US). DIGERONIMO, Joseph, W. [US/US]; 5 Apple Hill Road, Sturbridge, MA 01566 (US).

(74) LEMACK, Kevin, S. et al. / etc.; Nields & Lemack, Suite 7, 176 E. Main Street, Westboro, MA 01581 (US).

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

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

(51)⁷ A63F 1/00, 3/00

(11) WO 03/041823 (13) A1

(21) PCT/US02/36310

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 10/053,101 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD OF PLAYING SINGLE OR MULTIPLE HAND TWENTY-ONE CARD GAME

• PROCEDE PERMETTANT DE JOUER UNE OU PLUSIEURS DONNES D'UN JEU DE 32 CARTES

(71) IGT [US/US]; 9295 Prototype Drive, Reno, NV 89521-8986 (US).

(72) JARVIS, Eugene; 716 Edgemont Lane, Park Ridge, IL 60068 (US). ELOFF, Andrew; 1523 Madison Street, Evanston, IL 60203 (US).

(74) MASIA, Adam, H.; Bell, Boyd & Lloyd, LLC, P.O. Box 1135, Chicago, IL 60690-1135 (US).

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

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

(51)⁷ A63F 9/10

(11) WO 03/041824 (13) A1

(21) PCT/ES02/00532

(22) 15 Nov/nov 2002 (15.11.2002)

(25) es (26) es

(30) P 0102538 16 Nov/nov 2001 ES (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND DEVICE FOR ASSEMBLING, STORING AND PROTECTING PUZZLES

• PROCEDE ET DISPOSITIF PERMETTANT D'ASSEMBLER, DE CONSERVER ET DE PROTEGER DES PUZZLES

(71) DISET, S.A. [ES/ES]; Zona Franca, Calle C, Número 3, Sector B, Barcelona (ES).

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(71, 72) BRETONES HERRILLO, Juan Carlos [ES/ES]; Carretera de Caldes, 209, E-08202 Sabadell (ES). CESAR PASTOR, Marta [ES/ES]; 08038 Carretera de Caldes, 209, E-08202 Sabadell (ES).

(74) FORTEA LAGUNA, Juan José; Sant Bonaventura, 18, Sant Cugat del Vallés, E-08190 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ A63F 13/00, 9/24, G06F 17/00, 19/00

(11) WO 03/041825 (13) A1

(21) PCT/US02/36230

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) 60/339,039 12 Nov/nov 2001 US (12.11.2001)

(30) 60/368,483 29 Mar/mar 2002 US (29.03.2002)

(30) 10/230,242 28 Aug/août 2002 US (28.08.2002)

(30) 10/290,764 8 Nov/nov 2002 US (08.11.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • GAMING SYSTEM HAVING MULTIPLE GAMES OF EQUAL VALUE

• SYSTEME DE JEU COMPRENANT PLUSIEURS JEUX DE VALEUR EGALE

(71) FULTON, Stanley, E. [US/US]; 5738 Hedgehaven Court, Las Vegas, NV 89120 (US).

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(72, 75) FOX, John [US/US]; 3902 Q Street, Omaha, NE 68107 (US).

(74) GREENE, Gary, A.; Caesar, Rivise, Bernstein, Cohen & Pokotilow, Ltd., 12th Floor, Seven Penn Center, 1635 Market Street, Philadelphia, PA 19103 (US).

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

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

(51)⁷ A63G 31/00, 1/44, 27/00

(11) WO 03/041826 (13) A1

(21) PCT/EP02/12698

(22) 13 Nov/nov 2002 (13.11.2002)

(25) de (26) de

(30) 201 18 518.0 13 Nov/nov 2001 DE (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FAIRGROUND RIDE

• MANEGE

(71) HUSS MASCHINENBAUFABRIK GMBH & CO. KG [DE/DE]; 28207 Bremen (DE).

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

(72, 75) VAN ORSOUW, Theo, J., M. [NL/NL]; Valendonkstraat 4a, NL-5351 NE Berghem (NL).

(74) FRITSCH, Rainer; Eisenführ, Speiser & Partner, Arnulfstrasse 25, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A63G 31/00

(11) WO 03/041827 (13) A1

(21) PCT/EP02/12700

(22) 13 Nov/nov 2002 (13.11.2002)

(25) de (26) de

(30) 201 18 517.2 13 Nov/nov 2001 DE (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • AMUSEMENT RIDE

• INSTALLATION POUR DIVERTISSEMENT PUBLIC

(71) HUSS MASCHINENFABRIK GMBH & CO. KG [DE/DE]; Stresemannstrasse 56, 28207 Bremen (DE).

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

(72, 75) GRABIETZ, Christian [DE/DE]; Wachmannstrasse 22, 28209 Bremen (DE).

(74) KLINGHARDT, Jürgen; Eisenführ, Speiser & Partner, Martinistrasse 24, 28195 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B01B

(11) WO 03/041828 (13) A2

(21) PCT/US02/36410

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 10/004,000 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • APPLICATION OF SYMBOL SEQUENCE ANALYSIS AND TEMPORAL

IRREVERSIBILITY TO MONITORING AND CONTROLLING BOILER FLAMES

• APPLICATION D'ANALYSE DE SEQUENCE DE SYMBOLES ET DE L'IRREVERSIBILITE TEMPORELLE POUR SURVEILLER ET COMMANDER DES FLAMMES DE CHAUDIERES

(71) ELECTRIC POWER RESEARCH INSTITUTE, INC. [US/US]; 3412 Hillview Avenue, Palo Alto, CA 94304 (US).

(72) DAW, Charles, Stuart; 1021 Crooked Springs Road, Knoxville, TN 37932 (US). FULLER, Timothy, A.; 1407 Lupe Avenue NW, North Canton, OH 44720 (US). FLYNN, Thomas, J.; 1104 Chelmsford Street NW, North Canton, OH 44720 (US). FINNEY, Charles, E., A.; 508 Union Avenue, Unit 208, Knoxville, TN 37902-2199 (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

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

(51)⁷ B01D

(11) WO 03/041829 (13) A2

(21) PCT/EP02/12544

(22) 9 Nov/nov 2002 (09.11.2002)

(25) en (26) en

(30) 101 55 591.1 13 Nov/nov 2001 DE (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FILTER MODULE AND METHOD FOR ITS MANUFACTURE

• MODULE DE FILTRATION ET PROCEDE PERMETTANT DE PRODUIRE CE MODULE

(71) PALL CORPORATION [US/US]; 2200 Northern Boulevard, East Hills, NY 11548 (US).

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(72, 75) DIEMER, Wolfgang [DE/DE]; Schwarzhornweg 7, 73550 Waldstetten (DE). ZEILER, Martin [DE/DE]; Sommerrain 1/1, 73527 Schwäbisch Gmünd (DE).

(74) RIEDEL, Peter et al. / etc.; Menzelstrasse 40, 70192 Stuttgart (DE).

(81) CA JP US.

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

(51)⁷ B01D

(11) WO 03/041830 (13) A2

(21) PCT/SE02/01856

(22) 11 Oct/oct 2002 (11.10.2002)

- (25) en (26) en
- (30) 0103404-0 **12 Oct/oct 2001** SE
(12.10.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MACROPOROUS GEL, ITS PREPARATION AND ITS USE
• GEL MACROPOREUX, SA PREPARATION ET SON UTILISATION
- (71) PROTISTA INTERNATIONAL AB [SE/SE]; Box 86, S-267 22 Bjuv (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MATTIASSON, Bo [SE/SE]; Trädgårdsmästaren 26, S-245 62 Hjärup (SE). GALAEV, Igor [RU/SE]; Flygelvägen 88, S-224 72 Lund (SE). LOZINSKY, Vladimir [RU/RU]; Novgorodskaya ul. 14-2, apt. 118, Moscow (RU). PLIEVA, Fatima [RU/SE]; Systervagen 3, apt. 14, S-22241 Lund (SE).
- (74) FOGELBERG, Lennart et al. / etc.; Allied Attorneys Chemical AB, Box 24107, S-104 51 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01D 1/00
- (11) WO 03/041831 (13) A2
- (21) PCT/US02/33240
- (22) 15 Oct/oct 2002 (15.10.2002)
- (25) en (26) en
- (30) 10/005,934 **12 Nov/nov 2001** US
(12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR ISOLATING POLYPHENYLENE ETHER POLYMER RESINS FROM SOLUTION
• PROCEDE POUR ISOLER DES RESINES POLYMERES D'ETHER DE POLYPHENYLENE D'UNE SOLUTION
- (71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) PARRILLO, David; 6005 Banebeary Drive, Schenectady, NY 12303 (US). SINGH, Probot; 13 Elm Avenue, Delmar, NY 12054 (US).
- (74) WINTER, Catherine, J. et al. / etc.; General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01D 9/00, C07C 51/43, 51/47, 57/04
- (11) WO 03/041832 (13) A1
- (21) PCT/EP02/12497
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) de (26) de
- (30) 101 56 016.8 **15 Nov/nov 2001** DE
(15.11.2001)
- (30) 102 23 058.7 **24 May/mai 2002** DE
(24.05.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR PERFORMING THE PURIFYING SEPARATION OF CRYSTALS OUT OF THEIR SUSPENSION IN A MOTHER LIQUOR
• PROCEDE DE SEPARATION EPURATRICE DE CRISTAUX DE LEUR SUSPENSION DANS DE L'EAU MERE
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAMMON, Ulrich [DE/DE]; Nietzschestr. 30, 68163 Mannheim (DE). BAUMANN, Dieter [DE/DE]; Meergartenweg 1, 67227 Frankenthal (DE). HEILEK, Jörg [DE/DE]; Im Schlag 17, 69245 Bammental (DE). MÜLLER-ENGEL, Klaus, Joachim [DE/DE]; Bahnhofstrasse 82, 76297 Stutensee (DE). ECK, Bernd [DE/DE]; Stahlstr. 11, 68519 Viernheim (DE).
- (74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (DE).
- (81) BR JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ B01D 11/00, C11B 1/10
- (11) WO 03/041834 (13) A1
- (21) PCT/EP02/12551
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) de (26) de
- (30) 101 55 517.2 **13 Nov/nov 2001** DE
(13.11.2001)
- (30) 102 03 551.2 **29 Jan/jan 2002** DE
(29.01.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR THE EXTRACTION OF COMPONENTS MADE FROM ORGANIC MATERIAL
• PROCEDE D'EXTRACTION DE COMPOSANTS A PARTIR D'UNE MATIERE ORGANIQUE
- (71) METANOMICS GMBH & CO. KGAA [DE/DE]; Tegeler Weg 33, 10589 Berlin-Charlottenburg (DE).
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- (72, 75) HEROLD, Michael, Manfred [DE/DE]; Olbersstrasse 6, 10589 Berlin (DE). DOSTLER, Martin [DE/DE]; Auf der Lichtung 69, 16761 Henningsdorf (DE). LOOSER, Ralf [DE/DE]; Hauptstrasse 2, 13158 Berlin (DE). WALK, Tilmann, B. [DE/DE]; Bismarckstrasse 40, 10627 Berlin (DE). FEGERT, Achim [DE/DE]; Rathenower Str. 34, 10559 Berlin (DE). KLUTTIG, Martin [DE/DE]; Hasenmark 22, 13585 Berlin (DE). LEHMANN, Britta [DE/DE]; Leonorenstr. 20, 12247 Berlin (DE). HEIDEMANN, Silke [DE/DE]; Sponholzstr. 55, 12159 Berlin (DE). HENNIG, Annette [DE/DE]; Kleiststrasse 3, 15831 Mahlow (DE). KOPKA, Joachim [DE/DE]; Christburger Str. 2, 10405 Berlin (DE).
- (74) DÖRPER, Thomas; c/o 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01D 9/00, C07C 51/47, 51/43, 57/04
- (11) WO 03/041833 (13) A1
- (21) PCT/EP02/12499
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) de (26) de
- (30) 101 56 016.8 **15 Nov/nov 2001** DE
(15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DEVICE FOR PERFORMING THE PURIFYING SEPARATION OF CRYSTALS OUT OF THEIR SUSPENSION IN A CONTAMINATED CRYSTAL MELT
• DISPOSITIF DE SEPARATION EPURATRICE DE CRISTAUX DE LEUR SUSPENSION DANS DES CRISTAUX FONDUS CONTAMINES
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
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- (72, 75) HEILEK, Jörg [DE/DE]; Im Schlag 17, 69245 Bammental (DE). BAUMANN, Dieter [DE/DE]; Goethestrasse 5, 69190 Walldorf (DE). ECK, Bernd [DE/DE]; Stahlstrasse 11, 68519 Viernheim (DE). HAMMON,

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(51)⁷ B01D 11/02

(11) WO 03/041835 (13) A1

(21) PCT/EP02/12552

- (22) 11 Nov/nov 2002 (11.11.2002)
(25) de (26) de
(30) 101 55 504.0 13 Nov/nov 2001 DE (13.11.2001)
(30) 102 03 552.0 29 Jan/jan 2002 DE (29.01.2002)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD FOR THE EXTRACTION AND ANALYSIS OF CONTENTS MADE FROM ORGANIC MATERIAL
• PROCEDE D'EXTRACTION DE SUBSTANCES A PARTIR D'UNE MATIERE ORGANIQUE ET D'ANALYSE DE CES SUBSTANCES
(71) METANOMICS GMBH & CO. KGAA [DE/DE]; Tegeler Weg 33, 10589 Berlin-Charlottenburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) HEROLD, Michael, Manfred [DE/DE]; Olbersstrasse 6, 10589 Berlin (DE). DOSTLER, Martin [DE/DE]; Auf der Lichtung 69, 16761 Henningsdorf (DE). LOOSER, Ralf [DE/DE]; Hauptstrasse 2, 13158 Berlin (DE). WALK, Tilmann, B. [DE/DE]; Bismarckstrasse 40, 10627 Berlin (DE). FEGERT, Achim [DE/DE]; Rathenower Str. 34, 10559 Berlin (DE). KLUTTIG, Martin [DE/DE]; Hasenmark 22, 13585 Berlin (DE). LEHMANN, Britta [DE/DE]; Leonorenstr. 20, 12247 Berlin (DE). HEIDEMANN, Silke [DE/DE]; Sponholzstr. 55, 12159 Berlin (DE). HENNIG, Annette [DE/DE]; Kleiststrasse 3, 15831 Mahlow (DE). KOPKA, Joachim [DE/DE]; Christburger Str. 2, 10405 Berlin (DE).
(74) DÖRPER, Thomas; c/o 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ B01D 15/00, B01J 20/22, G01T 7/02, G01N 1/28, G21F 9/02, 9/04
(11) WO 03/041836 (13) A1
(21) PCT/CH02/00615
(22) 15 Nov/nov 2002 (15.11.2002)
(25) en (26) en
(30) 60/334,036 15 Nov/nov 2001 US (15.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD OF DETECTING AND/OR REMOVING SMALL COMPOUNDS FROM A GASEOUS OR LIQUID MEDIUM
• METHODE PERMETTANT DE DETECTER ET/OU D'ENLEVER DE PETITS

- COMPOSES D'UN MILIEU GAZEUX OU LIQUIDE
(71) UNIVERSITÄT BERN [CH/CH]; Verwaltungsdirektion, Hochschulstrasse 4, CH-3012 Bern (CH).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) HULLIGER, Juerg [CH/CH]; Blumelalpstrasse 11, CH-3074 Muri (CH). HERTZSCH, Tino [DE/CH]; Wohnheim Tscharnergut, Waldmannstrasse 15/911, CH-3027 Bern (CH).
(74) UNIVERSITY OF BERN; Unitecra Technology Transfer, Gesellschaftsstrasse 25, CH-3012 Bern (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
Published / Publiée : (c)
(51)⁷ B01D 21/01, C02F 1/28, 1/50, 1/52, 3/10, C01B 39/02
(11) WO 03/041837 (13) A1
(21) PCT/JP02/11986
(22) 18 Nov/nov 2002 (18.11.2002)
(25) ja (26) ja
(30) 2001-352465 16 Nov/nov 2001 JP (16.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • WATER-FLOATING ZEOLITE COMPOSITES
• COMPOSITES DE ZEOLITE HYDROFLOTTANTS
(71) JAPAN SYSTEM PRODUCTS CO., LTD. [JP/JP]; 34-11, Yushima 3-chome, Bunkyo-ku, Tokyo 113-0034 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) AOKI, Hirotsugu [JP/JP]; 794-3, Minami-kaname, Hiratsuka-shi, Kanagawa 259-1201 (JP).
(74) MURATA, Yukio; Tochi Patent Office, Yaesu 5-5 Bldg. 3rd Floor, 6-5, Yaesu 2-chome, Chuo-ku, Tokyo 104-0028 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ B01D 21/24, E21B 43/36, 43/40, 43/34
(11) WO 03/041838 (13) A1
(21) PCT/GB02/04626
(22) 11 Oct/oct 2002 (11.10.2002)
(25) en (26) en
(30) 0124617.2 12 Oct/oct 2001 GB (12.10.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD AND APPARATUS FOR COLLECTING AND THEN DISPOSING SAND CONTAINED IN PRODUCTION FLUID
• PROCEDE ET DISPOSITIF DE RE-CUEIL ET D'ELIMINATION DU SABLE CONTENU DANS UN FLUIDE DE PRODUCTION
(71) ALPHA THAMES LTD [GB/GB]; Essex House, Station Road, Upminster, Essex RM14 2SU (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) APPLEFORD, David, Eric [GB/GB]; 5 Greenview Cottages, Theydon Bois, Epping, Essex CM16 7JD (GB). LANE, Brian, William [GB/GB]; 41 Rattwick Drive, Canvey Island, Essex SS8 8NF (GB).
(74) JOHNSTONE, Douglas, Ian et al. / etc.; Baron & Warren, 19 South End, Kensington, London W8 5BU (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement
(51)⁷ B01D 33/067, F16J 15/46
(11) WO 03/041839 (13) A1
(21) PCT/SE02/01687
(22) 17 Sep/sep 2002 (17.09.2002)

- (25) sv (26) en
- (30) 0103105-3 19 Sep/sep 2001 SE
(19.09.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SEALING DEVICE AND SLEEVE AND HOLDING ELEMENT FOR SUCH
- DISPOSITIF ET MANCHON D'ETANCHEITE ET ELEMENT DE RETENUE DESTINE A CEUX-CI
- (71) KVAERNER PULPING AB [SE/SE]; Box 1033, S-615 15 Karlstad (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROWE, Michael, A. [SE/SE]; 5:e Villagatan 7, S-653 41 Karlstad (SE).
- (74) FURHEM, Hans; Kvaerner Pulping AB, Box 1033, S-651 15 Karlstad (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01D 36/04, 36/00
- (11) WO 03/041840 (13) A1
- (21) PCT/CZ02/00035
- (22) 17 Jun/juin 2002 (17.06.2002)
- (25) en (26) en
- (30) PV 3649-01 10 Oct/oct 2001 CZ
(10.10.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • POLLEN CLEANING METHOD AND DEVICE
- PROCEDE ET DISPOSITIF DE NETTOYAGE DU POLLEN
- (71, 72) TOMEK, Jiri [CZ/CZ]; Netolická 3, 370 05 České Budejovice (CZ).
- (74) SEDLÁK, Jiri; Husova 16, P.O. Box 1, 370 01 České Budejovice (CZ).
- (81) AT AU BG BR CA CH CN CZ DE DK EE ES FI GB HR HU IL IN JP KR LT LV MX NO NZ PL PT RO RU SE SI SK TR 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 B01D 45/04, F25B 17/08
- (11) WO 03/041841 (13) A1
- (21) PCT/IB02/04735
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 01/14853 16 Nov/nov 2001 FR
(16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • LIQUID/GAS STATE SEPARATING DEVICE
- DISPOSITIF SERVANT A SEPARER UN LIQUIDE ET UN GAZ
- (71) THERMAGEN [FR/FR]; 1, avenue de la Terrasse, Bâtiment 5, F-91198 Gif-sur-Yvette (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JEUCH, Pierre [FR/FR]; 6, allée des Eglantines, F-91190 Saint-Aubin (FR).
- (74) BORIN, Lydie; A.P.I. Conseil, Rue Marx Dormoy, F-64000 Pau (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01D 45/16, 50/00
- (11) WO 03/041842 (13) A1
- (21) PCT/IB02/04716
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) de (26) de
- (30) 2082/01 13 Nov/nov 2001 CH
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DEVICE FOR SEPARATING DUST AND FILTH IN FLOWING MEDIA
- DISPOSITIF POUR SEPARER LES POUSSIERES ET LES IMPURETES DANS DES MILIEUX EN ECOULEMENT
- (71) ALSTOM (SWITZERLAND) LTD [CH/CH]; Brown Boveri Strasse 7, CH-5401 Baden (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANDERSON, Gordon [GB/CH]; St. Christophstrasse 8, CH-5400 Baden (CH). FRIED, Reinhard [DE/CH]; Stockackerstrasse 3A, CH-5415 Nussbaumen (CH). NAIK, Shailendra [GB/CH]; Oberriedenstrasse 17A, CH-5412 Gebenstorf (CH). SCHLECHTRIEM, Stefan [DE/CH]; Winkelackerweg 2, CH-5522 Tägerig (CH). ZIERER, Thomas [DE/CH]; Rüttenweg 52, CH-5408 Ennetbaden (CH).
- (74) ALSTOM (SWITZERLAND) LTD; CHSP Intellectual Property, Brown Boveri Str. 7/699/5, 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01D 53/04
- (11) WO 03/041843 (13) A1
- (21) PCT/US02/34726
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 10/020,268 12 Nov/nov 2001 US
(12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • FLUID STORAGE AND DELIVERY SYSTEM UTILIZING LOW HEELS CARBON SORBENT MEDIUM
- SYSTEME DE STOCKAGE ET DE DISTRIBUTION DE FLUIDE DANS LEQUEL EST UTILISE UN MILIEU SORBANT DE CARBONE A FAIBLE RESIDU
- (71) ADVANCED TECHNOLOGY MATERIALS, INC. [US/US]; 7 Commerce Drive, Danbury, CT 06810 (US).
- (72) WANG, Luping; 41 Greenknoll Drive, Brookfield, CT 06804 (US). SALSBURY, Joseph; 104 Sapsucker Woods Road Lower, Ithaca, NY 14850 (US).
- (74) ZITZMANN, Oliver, A., M.; Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, CT 06810 (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 HU 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 SIK SL TJ TM TR TT UA UG UZ VN YU ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01D 53/26, 53/22, F24F 3/14
- (11) WO 03/041844 (13) A1
- (21) PCT/US02/36196
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 09/992,671 14 Nov/nov 2001 US
(14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • VAPOR MEMBRANE DEHUMIDIFICATION FOR AIR CYCLE ENVIRONMENT CONTROL SYSTEM
- DESHUMIDIFICATION D'UNE MEMBRANE A VAPEUR POUR UN SYSTEME DE COMMANDE D'UN ENVIRONNEMENT PAR REFROIDISSEMENT
- (71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (72) ZHOU, Shaojun; 5285 Emerson Ave., Palatine, IL 60067 (US). JONQUERES, Michel, A.; 4725 Paseo de las Tortugas, Torrance, CA 90505 (US). BIRBECK, Tim; 821 Highland Avenue, Manhattan City, CA 90266 (US).

(74) **CRISS, Roger, H.** et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

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

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

(51)⁷ B01D 53/34, H01L 21/302, 21/205, B01J 23/10

(11) WO 03/041845 (13) A1

(21) PCT/JP02/11782

(22) 12 Nov/nov 2002 (12.11.2002)

(25) ja (26) ja

(30) 2001-347244 13 Nov/nov 2001 JP (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DECOMPOSING AGENT AND METHOD OF DECOMPOSITION TREATMENT FOR SULFUR FLUORIDES

• AGENT DE DECOMPOSITION ET PROCÉDE POUR DECOMPOSER DES FLUORURES DE SOUFRE

(71) **JAPAN PIONICS CO., LTD.** [JP/JP]; 1-3, Nishi-shinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OTSUKA, Kenji** [JP/JP]; c/o Japan Pionics Co., Ltd., Hiratsuka Laboratory, 5181, Tamura, Hiratsuka-shi, Kanagawa 254-0013 (JP). **NAWA, Youji** [JP/JP]; c/o Japan Pionics Co., Ltd., Hiratsuka Laboratory, 5181, Tamura, Hiratsuka-shi, Kanagawa 254-0013 (JP). **IKEDA, Tomohisa** [JP/JP]; c/o Japan Pionics Co., Ltd., Hiratsuka Laboratory, 5181, Tamura, Hiratsuka-shi, Kanagawa 254-0013 (JP). **OCHI, Koshi** [JP/JP]; c/o Japan Pionics Co., Ltd., Hiratsuka Laboratory, 5181, Tamura, Hiratsuka-shi, Kanagawa 254-0013 (JP).

(74) **OHTANI, Tamotsu**; Bridgestone Toranomon BLDG., 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR US.

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

(51)⁷ B01D 53/94, B01J 23/58, 23/648, F01N 3/022, 3/023

(11) WO 03/041846 (13) A1

(21) PCT/US02/21962

(22) 11 Jul/juil 2002 (11.07.2002)

(25) en (26) en

(30) 10/008,142 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A CATALYZED DIESEL PARTICULATE MATTER EXHAUST FILTER

• FILTRE D'ÉCHAPPEMENT A MATIÈRE PARTICULAIRE DIESEL CATALYSEE

(71) **SUD-CHEMIE PROTOTECH, INC.** [US/US]; 32 Fremont Street, Needham, MA 02494 (US).

(72) **ZHONGYUAN, Dang**; 25L Pine Street, Canton, MA 02021 (US). **HUANG, Yinyan**; 12 Nancy Lane, Framingham, MA 01701 (US). **BAR-ILAN, Amiran**; 79 University Road, Brookline, MA 02445 (US).

(74) **COX, Scott, R.**; Lynch, Cox, Gilman & Mahan, P.S.C., 400 West Market, Suite 2200, Louisville, KY 40202 (US).

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ B01D 63/02, 63/06, C02F 5/00, B01D 61/18

(11) WO 03/041847 (13) A1

(21) PCT/NL02/00743

(22) 15 Nov/nov 2002 (15.11.2002)

(25) nl (26) en

(30) 1019374 15 Nov/nov 2001 NL (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FILTER MODULE

• MODULE FILTRE

(71) **NORIT HOLDING N.V.** [NL/NL]; Nijverheidsweg N 72, NL-3812 PM Amersfoort (NL).

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

(72, 75) **BROENS, Lute** [NL/NL]; Oude Rijssenseweg 18, NL-7475 SN Markelo (NL). **FUTSELAAR, Harry** [NL/NL]; Gotenburgstraat 11, NL-7559 JK Hengelo (NL). **BLUME, Ingo** [NL/NL]; Pasteurstraat 49, NL-7555 ND Hengelo (NL). **MATTHEEUWS, Annemieke, Bernadette, Edmond** [NL/NL]; Kerkstraat 44, NL-7671 HH Vriezenveen (NL). **LENSINK, Michiel, Jan** [NL/NL]; Hogeweg 45, NL-1098 BZ Amsterdam (NL). **KOUTERS, Lucas, Johannes, Cornelis** [NL/NL]; Zuiderkeerkring 290, NL-2408 TJ Alphen aan den Rijn (NL). **FLEUREN, Marc, Johannes** [NL/NL]; Oudegracht 300, NL-3511 NX Utrecht (NL).

(74) **PRINS, A., W.**; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ

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

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

Published / Publiée : (c)

(51)⁷ B01F

(11) WO 03/041848 (13) A2

(21) PCT/NO02/00417

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) 20015534 12 Nov/nov 2001 NO (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PHARMACEUTICAL MIXING APPARATUS

• APPAREIL MELANGEUR A USAGE PHARMACEUTIQUE

(71) **AMERSHAM HEALTH AS** [NO/NO]; P.O.Box 4220 Nydalen, Nycoveien 1-2, N-0401 Oslo (NO).

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

(72, 75) **OMTVEIT, Tore** [NO/NO]; Otto Ruges vei 7, N-1359 Eiksmarka (NO).

(74) **AMERSHAM HEALTH AS**; P.O.Box 4220 Nydalen, Nycoveien 1-2, N-0401 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B01F 17/00, 3/08, B01D 17/04

(11) WO 03/041849 (13) A1

(21) PCT/FR02/03870

(22) 12 Nov/nov 2002 (12.11.2002)

(25) fr (26) fr

(30) 01/14816 16 Nov/nov 2001 FR (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • REVERSIBLE STABILIZED EMULSION AND METHOD FOR STABILIZING AND/OR DESTABILIZING AN EMULSION

- EMULSION STABILISEE REVERSIBLE ET PROCEDE DE STABILISATION ET/OU DESTABILISATION D'UNE EMULSION
- (71) INSTITUT FRANCAIS DU PETROLE [FR/FR]; 1 & 4, avenue de Bois Préau, F-92852 Rueil Mailmaison Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ARGILLIER, Jean-François [FR/FR]; 4, square de l'Hippodrome, F-92210 Saint-Cloud (FR). HENAUT, Isabelle [FR/FR]; 56, rue Sophie Rodrigues, F-92500 Rueil Mailmaison (FR).
- (74) ELMALEH, Alfred; Institut Français du Pétrole, 1 & 4, avenue de Bois Préau, F-92852 Rueil Mailmaison 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ B01J
- (11) WO 03/041850 (13) A2
- (21) PCT/US02/35875
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 10/040,598 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND APPARATUS FOR EXCITATION OF CHEMICAL BONDS
• PROCEDE ET APPAREIL D'EXCITATION DE LIAISONS CHIMIQUES
- (71) VECTOR ENERGY CORPORATION [US/US]; 1601 Clint Moore Road, Boca Raton, FL 33487-2747 (US).
- (72) MAKSIMOV, Aleksander; Viale Italia, 353, I-19125 La Spezia (IT). NOVAK, Peter; Mozartstraat 20, B-2018 Antwerp (BE).
- (74) JETTER, Neil, R. et al. / etc.; Akerman, Senterfitt & Eidson, P.A., Suite 400, 222 Lakeview Avenue, P.O. Box 3188, West Palm Beach, FL 33402-3188 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01J 8/02, 8/00
- (11) WO 03/041851 (13) A1
- (21) PCT/EP02/12347
- (22) 5 Nov/nov 2002 (05.11.2002)
- (25) de (26) de
- (30) 201 18 741.8 17 Nov/nov 2001 DE (17.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • REACTOR
• REACTEUR
- (71) LINDE AKTIENGESELLSCHAFT [DE/DE]; Abraham-Lincoln-Strasse 21, 65189 Wiesbaden (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEITGEB, Paul [IT/DE]; Wurzelseppstrasse 23, 82049 Pullach (DE). WIESSNER, Frank [DE/DE]; Waldstrasse 3, 82049 Pullach (DE). GRAHL, Matthias [DE/DE]; Nibelungenstrasse 24, 80639 München (DE).
- (74) LINDE AKTIENGESELLSCHAFT; 82049 Höllriegelskreuth (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01J 8/02, 10/00, 19/32
- (11) WO 03/041852 (13) A1
- (21) PCT/US02/34937
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 10/008,059 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • STRUCTURED CATALYSTS AND PROCESSES FOR GAS/LIQUID REACTORS
• CATALYSEURS STRUCTURES ET PROCEDES POUR REACTEURS GAZ/LIQUIDE
- (71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).
- (72) HEIBEL, Achim, K.; 222 Walnut Street, Corning, NY 14830 (US). LIU, Wei; 110 Fieldview Drive, Painted Post, NY 14870 (US). MORSE, Matthew, C.; 8291 Route 415, Campbell, NY 14821 (US).
- (74) VANDERSTERRE, Kees; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).
- (81) CN JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ B01J 19/00
- (11) WO 03/041853 (13) A1
- (21) PCT/EP02/12606
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) de (26) de
- (30) 101 56 467.8 16 Nov/nov 2001 DE (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • BIOPOLYMER SYNTHESIS SUBSTRATE AND METHOD FOR PRODUCING BIOPOLYMERS
• SUBSTRAT POUR LA SYNTHESE DE BIOPOLYMERES ET PROCEDE DE PRODUCTION DE BIOPOLYMERES
- (71) MICRONAS GMBH [DE/DE]; Hans-Bunte-Strasse 19, 79108 Freiburg (DE). BIOCHIP TECHNOLOGIES GMBH [DE/DE]; Engesserstrasse 4, 79108 Freiburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KLAPPROTH, Holger [DE/DE]; Kehlerstrasse 12, 79108 Freiburg (DE). LEHMANN, Mirko [DE/DE]; Runzstrasse 71, 79102 Freiburg (DE). FREUND, Ingo [DE/DE]; Obermühlenweg 1, 79235 Vogtsburg (DE). STÜRKEN, Joachim [DE/DE]; 5, rue du Binsbourg, F-68500 Jungholtz (FR).
- (74) BICKEL, Michael; Westphal, Mussnug & Partner, Am Riector 5, 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01J 19/08, C01B 3/24
- (11) WO 03/041854 (13) A1
- (21) PCT/US02/24476
- (22) 2 Aug/août 2002 (02.08.2002)
- (25) en (26) en
- (30) 60/309,502 2 Aug/août 2001 US (02.08.2001)
- (30) 60/358,340 19 Feb/fév 2002 US (19.02.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ELECTRODE DISCHARGE, NON THERMAL PLASMA DEVICE (REACTOR) FOR THE PRE-TREATMENT OF COMBUSTION AIR
• DISPOSITIF (REACTEUR) A PLASMA NON THERMIQUE A DECHARGE D'ELECTRODE POUR LE PRETRAITEMENT D'AIR DE COMBUSTION
- (71) PLASMASOL CORP. [US/US]; 1345 Campus Parkway, Wall Township, NJ 07753 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RICATTO, Pascal [US/US]; 40 Lenox Avenue, Ridgewood, NJ 07450 (US). HOUSTON, Edward [US/US]; 116 Dunhams Corner Road, East Brunswick, NJ 08816 (US). CROWE, Richard [US/US]; 11 Daniel Drive, Hazlet, NJ 07730 (US).

(74) ELLIS, Edward, J. et al. / etc.; Darby & Darby P.C., Post Office Box 5257, New York, NY 10150-5257 (US).

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

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

(51)⁷ B01J 19/08

(11) WO 03/041855 (13) A1

(21) PCT/US02/36834

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 60/335,618 15 Nov/nov 2001 US (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DISCHARGE REACTOR FUSE LINK
• ELEMENT FUSIBLE DE REACTEUR A DECHARGE

(71) POWERSPAN CORP. [US/US]; P.O. Box 219, 54 Old Bay Road, New Durham NH 03855 (US).

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

(71, 72) KELLEY, Timothy [US/US]; Powerspan Corp., P.O. Box 219, 54 Old Bay Road (US). PARADISO, Giovanni [IT/US]; Powerspan Corp., P.O. Box 219, 54 Old Bay Road, New Durham, NH 03855 (US).

(74) DECKER, Phillip; Decker Law Office, 1 New Hampshire Avenue, Suite 125, Portsmouth, NH 03801 (US).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B01J 19/12, 19/24, 19/00, H05B 6/78

(11) WO 03/041856 (13) A1

(21) PCT/SE02/01885

(22) 16 Oct/oct 2002 (16.10.2002)

(25) en (26) en

(30) 01000546.0 19 Oct/oct 2001 EP (19.10.2001)

(30) 60/334,983 19 Oct/oct 2001 US (19.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CONTINUOUS FLOW SYSTEM WITH MICROWAVE HEATING

• SYSTEME A ECOULEMENT CONTINU AVEC CHAUFFAGE A MICRO-ONDES

(71) PERSONAL CHEMISTRY I UPPSALA AB [SE/SE]; Kungsgatan 76, S-753 18 Uppsala (SE).

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

(72, 75) FAGRELL, Magnus [SE/SE]; Nordhemsvägen 7A, S-756 46 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B01J 20/08, 20/30, C07C 17/38, B01D 53/14, C01D 15/04, C01F 7/04, B01J 47/00

(11) WO 03/041857 (13) A1

(21) PCT/DE01/04062

(22) 25 Oct/oct 2001 (25.10.2001)

(25) de (26) de

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PRODUCING GRANULATED SORBENTS AND INSTALLATION FOR CARRYING OUT THE METHOD

• PROCEDE DE PRODUCTION DE PRODUITS SORBANTS EN GRANULES ET INSTALLATION PERMETTANT DE METTRE EN OEUVRE CE PROCEDE

(71) EUROSINA TECHNOLOGY CONSULTING & PROJECT DEVELOPMENT GMBH [DE/DE]; Griembergweg 25, 12305 Berlin (DE).

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

(72, 75) RYBTSEV, Alexander [RU/RU]; Sovetskaiy Str. 15, App. 16, Novosibirsk 7, 630007 (RU). KOTSUPALO, Natalya [RU/RU]; Sverdlova, 3 App 5, Novosibirsk 7, 630007 (RU). MENZHERES, Larisa [RU/RU]; Narodnaiy Str. 19, App. 5, Novosibirsk 75, 630075 (RU). SERIKOVA, Ludmila [RU/RU]; Rassvetnaiy Str. 9, App. 196, Novosibirsk 129, 630129 (RU). MAMYLOVA, Elena [RU/RU]; Gusinobrodskoe Shosse Str. 19, App 8, Novosibirsk 124, 630124 (RU). TITARENKO, Valeriy [RU/RU]; Rassvetnaiy Str. 9, App. 48, Novosibirsk 129, 630129 (RU). TEN, Arkadiy [RU/RU]; Rodniky Str. 10, App. 68, Novosibirsk 129, 630129 (RU).

(74) NEUMANN, Günter; Hübner, Neumann, Radner, Frankfurter Allee 286, 10317 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 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).

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 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 B01J 20/18, B01D 53/04

(11) WO 03/041858 (13) A1

(21) PCT/FR02/03539

(22) 16 Oct/oct 2002 (16.10.2002)

(25) fr (26) fr

(30) 01/14588 12 Nov/nov 2001 FR (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • BARIUM-AND CALCIUM-BASED ZEOLITIC ADSORBENT FOR GAS PURIFICATION, IN PARTICULAR AIR
• ADSORBANT ZEOLITIQUE AU BARYUM ET CALCIUM POUR LA PURIFICATION DE GAZ, EN PARTICULIER DE L'AIR

(71) L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE [FR/FR]; 75, quai d'Orsay, F-75321 Paris (FR).

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

(72, 75) MOREAU, Serge [FR/FR]; 22, rue du Général Exelmans, F-78140 Vélizy Villacoublay (FR). RENOUE, Elise [FR/FR]; 12, rue du Docteur Kurzenne, F-78350 Jouy en Josas (FR). SZULMAN, Claire [FR/FR]; 3, rue Langlois, F-92190 Meudon (FR).

(74) PITTIS, Olivier et al. / etc.; L'Air Liquide, S.A., 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(81) US.

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

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ B01J 20/32, G01N 30/48, 30/50

(11) WO 03/041859 (13) A1

(21) PCT/EP02/12594

(22) 12 Nov/nov 2002 (12.11.2002)

(25) de (26) de

(30) 101 55 984.4 15 Nov/nov 2001 DE (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR REDUCING LIGAND LEAKAGE FROM AFFINITY CHROMATOGRAPHY MATRICES

- PROCEDE DE REDUCTION DE LA FUIITE DE LIGANDS DE MATRICES DE CHROMATOGRAPHIE D'AFFINITE

(71) BOEHRINGER INGELHEIM PHARMA KG [DE/DE]; 55216 Ingelheim/Rhein (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HALMER, Lothar [DE/DE]; Amriswilstrasse 7, 88400 Biberach an der Riss (DE). HOLZER, Margit [DE/DE]; Edith-Stein-Weg 10/3, 88400 Biberach (DE).

(74) BOEHRINGER INGELHEIM PHARMA KG; Binger Strasse 173, 55216 Ingelheim (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ B01J 23/00

(11) WO 03/041860 (13) A2

(21) PCT/US02/32760

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) 10/054,228 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • IN SITU CATALYST REGENERATION/ACTIVATION PROCESS

- PROCEDE DE REGENERATION/D'ACTIVATION DE CATALYSEUR <I>IN SITU</I>

(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(72) SOLED, Stuart, Leon; 21 Cooks Cross Road, Pittstown, NJ 08867 (US). BAUMGARTNER, Joseph, Ernest; 179 Raritan River Road, Califon, NJ 07830 (US). KISS, Gabor; 4 Thomas Court, Hampton, NJ 08827 (US).

(74) BRUMLIK, Charles, J. et al. / etc.; Exxon-Mobil Research and Engineering Company, P.O. Box 900, 1545 Route 22 East, Annandale, NJ 08801-0900 (US).

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

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

(51)⁷ B01J 29/40, 37/04, 37/08

(11) WO 03/041861 (13) A1

(21) PCT/RU02/00055

(22) 18 Feb/fév 2002 (18.02.2002)

(25) ru (26) ru

(30) 2001130678 14 Nov/nov 2001 RU (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PRODUCING A ZEOLITE-CONTAINING CATALYST

- PROCEDE DE FABRICATION D'UN CATALYSEUR A ZEOLITES

(71) BELUNIK, Alexander Ivanovich [RU/RU]; ul. Voitivicha, 6-73, Reutov, Moskovskaya obl. 143952 (RU).

(71, 72) KRYUCHKOV, Viktor Alekseevich [RU/RU]; ul.Komsomolskaya, 21-1, Obninsk., Kaluzhskaya obl. 249020 (RU). MAKAROV, Pavel Alekseevich [RU/RU]; pr.Vernadskogo, 9-308, Moscow, 117311 (RU).

(74) PATENT LAW FIRM "YUS"; a/ya 184, Moscow, 125009 (RU).

(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) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 03/041862 (13) A1

(21) PCT/GB02/05148

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 0127360.6 14 Nov/nov 2001 GB (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DEVICE AND METHOD FOR PREPARING PARTICLES FOR ANALYSIS

- DISPOSITIF ET PROCEDE DE PREPARATION DE PARTICULES AUX FINS D'ANALYSE

(71) UNIVERSITY OF BATH [GB/GB]; Claverton Down, Bath, Somerset BA1 7AY (GB).

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

(72, 75) MEDLAND, Anthony, John [GB/GB]; Kingston Lodge, Woolley Street, Bradford on Avon, Wiltshire BA15 1AD (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ B01L 3/00

(11) WO 03/041863 (13) A2

(21) PCT/NL02/00737

(22) 15 Nov/nov 2002 (15.11.2002)

(25) nl (26) en

(30) 1019378 16 Nov/nov 2001 NL (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD OF FILLING A WELL IN A SUBSTRATE

- PROCEDE DE REMPLISSAGE D'UN PUIT DANS UN SUBSTRAT

(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) MOERMAN, Robert [NL/NL]; Witmolen 135, NL-2645 GH Delfgauw (NL).

(74) ALTENBURG, Bernardus, Stephanus, Franciscus; 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B04B 1/00, 1/00, 7/08, 11/00

(11) WO 03/041864 (13) A1

(21) PCT/US02/36830

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

- (30) 60/332,238 **15 Nov/nov 2001** US
(15.11.2001)
- (30) 10/294,840 **14 Nov/nov 2002** US
(14.11.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SYSTEM AND METHOD FOR CREATING VIBRATIONS IN A CENTRIFUGE
• SYSTEME ET PROCEDE PERMETTANT DE CREER DES VIBRATIONS DANS UN CENTRIFUGEUR
- (71) PHASE INC. [US/US]; 65-1279 Kawaihae Road, Parker Square, Suite 213, Kamuela, HI 96743 (US).
- (72) KIRKER, Curtis; Post Office Box 6959, Kamuela, HI 96743 (US). FULLER, Berkeley, F.; P.O. Box 6959, Kamuela, HI 96743 (US).
- (74) STALFORD, Terry, J.; Baker Botts L.L.P., 2001 Ross Avenue, Suite 600, Dallas, TX 75201-2980 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 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 TN 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations
- (51)⁷ B05B 1/30, 1/34
(11) WO 03/041865 (13) A1
(21) PCT/FR02/03871
(22) 13 Nov/nov 2002 (13.11.2002)
(25) fr (26) fr
(30) 01/14722 **14 Nov/nov 2001** FR
(14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DISPENSING HEAD AND FLUID PRODUCT DISPENSER COMPRISING SAME
• TETE DE DISTRIBUTION ET DISTRIBUTEUR DE PRODUIT FLUIDE COMPORTANT UNE TELLE TETE DE DISTRIBUTION
- (71) VALOIS SAS [FR/FR]; BP G, Le Prieuré, F-27110 Le Neubourg (FR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PETIT, Ludovic [FR/FR]; 4, rue du Buc, F-27110 Vitot (FR).
- (74) CAPRI SARL; 94, avenue Mozart, F-75016 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ B05B 1/34
(11) WO 03/041866 (13) A1
(21) PCT/US02/22582
(22) 16 Jul/juillet 2002 (16.07.2002)
(25) en (26) en
(30) 09/992,729 **14 Nov/nov 2001** US
(14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • FULL CONE SPRAY NOZZLE FOR METAL CASTING COOLING SYTSEM
• BUSE DE PULVERISATION A CONE PLEIN POUR SYSTEME DE REFROIDISSEMENT DE PIECE METALLIQUE COULEE
- (71) SPRAYING SYSTEMS CO. [US/US]; North Avenue at Schmale Road, P.O. Box 7900, Wheaton, IL 60189-7900 (US).
- (72) HOFHERR, Christy; 12360 Heritage Meadows Drive, Plainfield, IL 60544 (US).
- (74) SCHLEMMER, Dennis, R. et al. / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, 180 North Stetson, Chicago, IL 60601-6780 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ B05B 5/053, 5/025
(11) WO 03/041867 (13) A1
(21) PCT/JP02/11522
(22) 5 Nov/nov 2002 (05.11.2002)
(25) ja (26) ja
(30) 2001/351722 **16 Nov/nov 2001** JP
(16.11.2001)
- (30) 2002/189395 **28 Jun/juin 2002** JP
(28.06.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • POWDER COATING DEVICE AND METHOD
• DISPOSITIF ET PROCEDE DE REVETEMENT PAR PULVERISATION
- (71) NIHON PARKERIZING CO., LTD. [JP/JP]; 15-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORITA, Tadao [JP/JP]; c/o Nihon Parkerizing Co., Ltd., 15-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP). MURAI, Hiroki [JP/JP]; c/o Nihon Parkerizing Co., Ltd., 15-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP). YABE, Kosei [JP/JP]; c/o Nihon Parkerizing Co., Ltd., 15-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP). NAKAMURA, Akira [JP/JP]; c/o Nihon Parkerizing Co., Ltd., 15-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (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) CA CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- (51)⁷ B05B 7/04, 7/14, C23C 24/04
(11) WO 03/041868 (13) A2
(21) PCT/EP02/04978
(22) 6 May/mai 2002 (06.05.2002)
(25) de (26) de
(30) 101 26 100.4 **29 May/mai 2001** DE
(29.05.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • COLD GAS SPRAYING METHOD AND DEVICE
• PROCEDE ET DISPOSITIF DE PROJECTION PAR GAZ FROID
- (71) LINDE AKTIENGESELLSCHAFT [DE/DE]; Abraham-Lincoln-Str. 21, 65189 Wiesbaden (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HEINRICH, Peter [DE/DE]; Pestalozzistr. 5, 82110 Germering (DE). STOLTENHOFF, Thorsten [DE/DE]; Wischhoff 28b, 21465 Wentorf (DE). RICHTER, Peter [DE/DE]; Goethestr. 24, 84431 Heldenstein (DE). KREYE, Heinrich [DE/DE]; Werfelring 51, 22175 Hamburg (DE). RICHTER, Horst [DE/US]; 11 Abigail Rd., Norwich, VT 05055 (US).
- (74) LINDE AKTIENGESELLSCHAFT; Zentrale Patentabteilung, 82049 Höllriegel-skreuth (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 TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 7/06, 5/025

(11) WO 03/041869 (13) A1

(21) PCT/EP02/12763

(22) 14 Nov/nov 2002 (14.11.2002)

(25) de (26) de

(30) 101 55 775.2 14 Nov/nov 2001 DE (14.11.2001)

(30) 202 01 510.6 31 Jan/jan 2002 DE (31.01.2002)

(30) 202 10 784.1 16 Jul/juil 2002 DE (16.07.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FOCUSSED ELECTROSPRAY DEVICE
• DISPOSITIF DE PULVERISATION ELECTRIQUE FOCALISEE

(71) CARBOTEC GESELLSCHAFT FÜR INSTRUMENTELLE ANALYTIK MBH [DE/DE]; Friedrich-Ebert-Strasse, 51429 Bergisch-Gladbach (DE).

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

(72, 75) KLESPER, Heike [DE/DE]; Katterbachstrasse 73, 51467 Bergisch-Gladbach (DE). FUSSHÖLLER, Gregor [DE/DE]; Am Forstkreuz 8, 53639 Königswinter (DE).

(74) GILLE HRABAL STRUCK NEIDLEIN PROP ROOS; Brucknerstrasse 20, 40593 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ B05B 11/00

(11) WO 03/041870 (13) A1

(21) PCT/EP02/12379

(22) 5 Nov/nov 2002 (05.11.2002)

(25) en (26) en

(30) 10/054,511 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DOSE DISPENSING PUMP FOR DISPENSING TWO OR MORE MATERIALS

• POMPE DE DISTRIBUTION DOSEE SERVANT A DISTRIBUER AU MOINS DEUX MATERIAUX

(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 OM SD SG SL SZ TT TZ UG VC ZA ZM ZW)

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

(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NL NO PH PL PT RO RU SE SI SK SN TD TG TJ TM TN 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) PETERSON, Erik; 1117 Silo Hill Drive, Grayslake, IL 60030 (US).

(74) MULDER, Cornelis, Willem, Reinier et al. / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

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

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

(51)⁷ B05B 11/00, A47K 5/14

(11) WO 03/041871 (13) A1

(21) PCT/NL02/00725

(22) 11 Nov/nov 2002 (11.11.2002)

(25) nl (26) en

(30) 1019348 12 Nov/nov 2001 NL (12.11.2001)

(30) 1020641 21 May/mai 2002 NL (21.05.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DISPENSER FOR DISPENSING A FLUID, HOUSING FOR SUCH A DISPENSER, STORAGE HOLDER DESTINED FOR PLACEMENT THEREIN AND ARRANGEMENT FOR THE DOSED PUMPING OF A FLUID FROM A FLUID RESERVOIR

• DISTRIBUTEUR DE LIQUIDES, BOITIER DU DISTRIBUTEUR, SUPPORT DE STOCKAGE DESTINE A ETRE PLACE DANS LE DISTRIBUTEUR, ET ARRANGEMENT POUR LE POMPAGE REGULE D'UN LIQUIDE D'UN RESERVOIR POUR LIQUIDES

(71) BENTFIELD EUROPE B.V. [NL/NL]; Ampèrestraat 12, NL-2181 HB Hillegom (NL).

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

(72, 75) GANZEBOOM, Wilhelmus, Everhardus [NL/NL]; Zonnelaan 4, NL-2012 TC Haarlem (NL).

(74) DE VRIES, Johannes, Hendrik, Fokke; De Vries & Metman, Overschiestraat 180, NL-1062 XK 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B05B 11/02, A61M 5/28

(11) WO 03/041872 (13) A1

(21) PCT/FR02/03900

(22) 14 Nov/nov 2002 (14.11.2002)

(25) fr (26) fr

(30) 01/14794 15 Nov/nov 2001 FR (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FLUID PRODUCT DISPENSING DEVICE

• DISPOSITIF DE DISTRIBUTION DE PRODUIT FLUIDE

(71) VALOIS SAS [FR/FR]; B.P. G, Le Prieuré, F-27110 Le Neubourg (FR).

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

(72, 75) HELDT, Frédéric [FR/FR]; 10, impasse de la Haye Le Comte, F-27400 Louviers (FR). STRADELLA, Fabio [IT/IT]; P.zza Schiaffino 6/2, I-16032 Camogli (IT). STRADELLA, Giuseppe [IT/IT]; P.zza Schiaffino 6/2, I-16032 Camogli (IT).

(74) CAPRI SARM; 94, avenue Mozart, F-75016 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ B05B 15/06, 15/00, A01G 25/00

(11) WO 03/041873 (13) A1

(21) PCT/US02/34081

(22) 18 Oct/oct 2002 (18.10.2002)

(25) en (26) en

(30) 10/007,712 13 Nov/nov 2001 US
(13.11.2001)

(30) 60/402,454 9 Aug/août 2002 US
(09.08.2002)

(30) 60/416,086 5 Oct/oct 2002 US
(05.10.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • IMPROVED SPRINKLER SPACER

• AMELIORATION APPORTEE A UN ES-
PACEUR POUR ARROSEUR ROTATIF

(71, 72) CORBETT, Joseph, Craig [US/US];
P.O. Box 957, Lyman, WY 82937 (US).

(74) EDMUNDSON, Dean, P.; P.O. Box 179,
Burton, TX 77835 (US).

(81) AU CA CN JP MX NZ RU ZA.

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

(51)⁷ B05B 17/00

(11) WO 03/041874 (13) A1

(21) PCT/US01/43500

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • IRRIGATION CONTROL SYSTEM

• SYSTEME DE REGULATION D'IRRI-
GATION

(71) AQUA CONSERVATION SYSTEMS,
INC. [US/US]; 2900 Adams, Suite A25,
Riverside, CA 92504 (US). BUHLER, Kirk
[US/US]; Aqua Conservation Systems, Inc.,
2900 Adams, Suite A25, Riverside, CA
92504 (US).

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

(72, 75) ADDINK, John [US/US]; Aqua Con-
servation Systems, Inc., 2900 Adams, Suite
A25, Riverside, CA 92504 (US). GIVAR-
GIS, Tony [US/US]; Aqua conservation
Systems, Inc., 2900 Adams, Suite A25,
Riverside, CA 92504 (US).

(74) FISH, Robert; Rutan & Tucker, LLP, P.O.
Box 1950, Costa Mesa, CA 92628-1950 (US).

(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 B05C 5/00

(11) WO 03/041875 (13) A1

(21) PCT/GB02/05098

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) 0127252.5 13 Nov/nov 2001 GB
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PRODUCTION OF COMPOSITES AR-
TICLES COMPOSED OF THIN LAYERS

• PRODUCTION D'ARTICLES COMPO-
SITES CONSTITUES DE COUCHES
MINCES

(71) VANTICO AG [CH/CH]; Klybeckstrasse
200, CH-4057 Basel (CH).

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

(72, 75) MATSUMOTO, Yonetatsu [JP/JP];
2-2-33 Mikatadai, Nishi-ku, Kobe City,
Hyogo Prefecture 651-2277 (JP). STUDER,
Peggy, Diane [FR/FR]; 23B, Rue de la Foret,
F-68400 Riedisheim (FR). ZHAO, Jong
[CN/GB]; 218 Lucerne Close, Cambridge
CB1 9SB (GB). BARNY, Stefan [CH/CH];
Stallenmattstrasse 5, CH-4104 Oberwill
(CH). PATEL, Ranjana, Changanbhai
[GB/GB]; George Green Cottage, Little
Hallingbury, Herts CM22 7PP (GB).

(74) HEDLEY, Nicholas, James, Matthew 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 TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B05C 5/02

(11) WO 03/041876 (13) A1

(21) PCT/SE02/02003

(22) 5 Nov/nov 2002 (05.11.2002)

(25) en (26) en

(30) 0103737-3 12 Nov/nov 2001 SE
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DEVICE FOR JETTING DROPLETS
OF A PARTICLE FILLED VISCOUS
MEDIUM

• DISPOSITIF EJECTANT DES GOUT-
TELETTES D'UN MILIEU VISQUEUX
REPLI DE PARTICULES

(71) MYDATA AUTOMATION AB [SE/SE];
Adolfsbergsvägen 11, S-168 66 Bromma
(SE).

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

(72, 75) ANDERSSON, Tommy [SE/SE];
Orkidevägen 3, S-135 62 Tyresö (SE).
BERG, Johan [SE/SE]; Våpnargatan 14,
4 tr, S-753 36 Uppsala (SE). FYHR, Nils
[SE/SE]; Löftesvägen 4B, S-191 63 Sollentuna
(SE). KRONSTEDT, Johan [SE/SE];
Sidensvansvägen 24, S-192 55 Sollentuna
(SE). NILSSON, Kenth [SE/SE]; Träl-
havsvägen 42, S-184 60 Åkersberga (SE).

(74) AWAPATENT AB; Box 44, S-832 21 Frösön
(SE).

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

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

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 TN 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 BG CH CY CZ DE DK EE
ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ B05C 19/04, B05B 5/057, 5/14

(11) WO 03/041877 (13) A1

(21) PCT/US02/31015

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 10/008,468 9 Nov/nov 2001 US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS FOR
MAKING PARTICLE-EMBEDDED
WEBS

• PROCEDE ET APPAREIL DE FABRI-
CATION DE BANDES INCRUSTEES DE
PARTICULES

(71) 3M INNOVATIVE PROPERTIES COM-
PANY [US/US]; 3M Center, Post Office Box
33427, Saint Paul, MN 55133-3427 (US).

(72) DIVIGALPITIYA, Ranjith; Post Office
Box 33427, Saint Paul, MN 55133-3427
(US). LIVINGSTONE, David, E.; Post Of-
fice Box 33427, Saint Paul, MN 55133-3427
(US).

(74) BOEDER, Jennie, G. et al. / etc.; Office
of Intellectual Property Counsel, P.O. Box
33427, Saint Paul, MN 55133-3427 (US).

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

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

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

(t) for all designations / pour toutes les
désignations

(51)⁷ B07B 1/46, B01D 29/01, 33/03

(11) WO 03/041878 (13) A1

(21) PCT/GB02/05018

(22) 5 Nov/nov 2002 (05.11.2002)

(25) en (26) en

(30) 0127085.9 10 Nov/nov 2001 GB
(10.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SIFTING SCREEN

• TAMIS DE CRIBLAGE

(71) UNITED WIRE LTD [GB/GB]; Granton
Park Avenue, Edinburgh EH5 1HT (GB).

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

(72, 75) HASSALL, Caspar [GB/GB]; 384 Sri
Kia Peng, No 3 Changkat Kia Peng, 50450
Kuala Lumpur (MY). ROBERTSON, Gra-
ham [GB/GB]; 52 Rannoch Road, Edinburgh
EH4 7EN (GB).

(74) KEITH W NASH & C0; 90-92 Regent
Street, Cambridge CB2 1DP (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 TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ B07C 1/06

(11) WO 03/041879 (13) A1

(21) PCT/EP02/10040

(22) 7 Sep/sep 2002 (07.09.2002)

(25) de (26) de

(30) 01126999.0 14 Nov/nov 2001 EP
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND UNIT FOR SORTING
MAIL ITEMS BY MEANS OF AN AC-
CELERATING ROLLER

• PROCEDE ET DISPOSITIF DE TRI
D'ENVOIS POSTAUX AU MOYEN
D'UN ROULEAU ACCELERATEUR

(71) SIEMENS SCHWEIZ AG [CH/CH]; Albis-
riederstrasse 245, CH-8047 Zürich (CH).

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

(72, 75) MAIER, Willy [CH/CH]; Neufeldstrasse
13b, CH-5430 Wettingen (CH).

(74) FISCHER, Michael; Siemens AG, Postfach
22 16 34, 80506 München (DE).

(81) JP US.

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

(51)⁷ B08B 3/00

(11) WO 03/041880 (13) A1

(21) PCT/US02/36168

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 60/338,044 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SEMICONDUCTOR WAFER CLEAN-
ING SYSTEMS AND METHODS

• SYSTEMES ET PROCEDES DE NET-
TOYAGE DE PLAQUETTES DE SEMI-
CONDUCTEURS

(71) FSI INTERNATIONAL, INC. [US/US];
3455 Lyman Boulevard, Chaska, MN 55318
(US).

(72) HERBST, Tim, W.; 5349 1st Ave. So., Min-
neapolis, MN 55419 (US). MACIEJ, Todd;
18421 Twin Lakes Road, Little Falls, MN
56345 (US). GAST, Tracy, A.; 225 West Sec-
ond, Waconia, MN 55387 (US). WAGENER,
Thomas, J.; 6065 Maple Leaf Circle, Shore-
wood, MN 55126 (US). SIEFERING, Kevin,
L.; 6528 Aster Circle, Excelsior, MN 55331
(US).

(74) HAKAMAKI, Michaele, A. et al. / etc.;
KAGAN BINDER, PLLC, 200 Maple Island
Building, 221 Main Street North, Stillwater,
MN 55082 (US).

(81) CN JP KR.

(84) EP (DE FR).

Published / Publiée : (c)

(51)⁷ B08B 9/027, 9/00, C23C 16/44

(11) WO 03/041881 (13) A1

(21) PCT/EP02/13491

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 2001-350168 15 Nov/nov 2001 JP
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SOURCE LIQUID SUPPLY APPARA-
TUS HAVING A CLEANING FUNC-
TION

• APPAREIL D'ALIMENTATION EN LI-
QUIDE SOURCE A FONCTION DE
NETTOYAGE

(71) L'AIR LIQUIDE, SOCIETE ANONYME
A DIRECTOIRE ET CONSEIL DE
SURVEILLANCE POUR L'ETUDE ET
L'EXPLOITATION DES PROCEDES
GEORGES CLAUDE [FR/FR]; 75, quai
d'Orsay, F-75321 Paris Cedex 07 (FR).

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

(72, 75) GIRARD, Jean-Marc [FR/FR]; 12,
rue Michel Chasles, F-75012 Paris (FR).
LETESSIER, Olivier [FR/FR]; 11, rue
de Lunain, 75014 Paris (FR). KIMURA,
Masao [JP/JP]; 2-9-29-411, Minato-machi,
Tsuchiura, 300 Ibaraki Prefecture (JP).
NASU, Akinobu [JP/JP]; #305 Mishimaya

Mansion, 139-2, Akatsuka Tsukuba, Ibaraki
Prefecture (JP).

(74) VESIN, Jacques et al. / etc.; L'Air Liquide
S.A., 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 EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

Published / Publiée : (c)

(51)⁷ B09C 1/08, B01J 19/00

(11) WO 03/041882 (13) A1

(21) PCT/EP02/10422

(22) 17 Sep/sep 2002 (17.09.2002)

(25) de (26) de

(30) 101 55 516.4 13 Nov/nov 2001 DE
(13.11.2001)

(30) 101 56 540.2 20 Nov/nov 2001 DE
(20.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR THE OXIDATIVE
TREATMENT OF BULK MATERIAL

• PROCEDE DE TRAITEMENT OXYDA-
TIF DE MATIERE EN VRAC

(71) GEBRÜDER LÖDIGE MASCHINEN-
BAU-GESELLSCHAFT MBH [DE/DE];
Elsener Strasse 7-9, 33102 Paderborn (DE).
WEDECO UMWELTECHNOLOGIE
GMBH [DE/DE]; Boschstrasse 6, 32051
Herford (DE).

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

(72, 75) RIED, Dr., Achim [DE/DE]; 32549
Bad Oeynhaus (DE). KAMPMANN,
Martin [DE/DE]; 33335 Gütersloh (DE).
SPRANZEL, Frank [DE/DE]; 33175 Bad
Lippspringe (DE).

(74) GILLE HRABAL STRUCK NEIDLEIN
PROP ROOS; Brucknerstrasse 20, 40593
Düsseldorf (DE).

(81) JP US.

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

(51)⁷ B21B 13/00 // 37/38

(11) WO 03/041883 (13) A1

(21) PCT/SE02/01387

(22) 16 Jul/juil 2002 (16.07.2002)

(25) sv (26) en

(30) 0103218-4 27 Sep/sep 2001 SE
(27.09.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ROLLING MILL AND ROLLING
METHOD

• LAMINOIR ET PROCEDE DE LAMI-
NAGE

(71) **AVESTAPOLARIT** **AKTIEBOLAG**
(publ) [SE/SE]; P.O. Box 16377, S-103
27 Stockholm (SE).

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

(72, 75) **LJUNGARS, Sten** [SE/SE]; Åsvägen
41, S-644 36 Torshälla (SE).

(74) **KYLIN, Peter et al.** / etc.; Hynell Patent-
tjänst AB, Patron Carls väg 2, S-683 40 Hag-
fors/Uddeholm (SE).

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

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

(51)⁷ **B21B 27/03**

(11) **WO 03/041884** (13) A1

(21) PCT/EP02/12839

(22) **15 Nov/nov 2002 (15.11.2002)**

(25) de (26) de

(30) 01127257.2 **16 Nov/nov 2001 EP**
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • **ROLLING DEVICE**
• **DISPOSITIF DE LAMINAGE**

(71, 72) **KARK, Uwe** [DE/DE]; Cuxhavener
Strasse 60a, 21149 Hamburg (DE).

(74) **GLAWE, DELFS, MOLL**; Rothenbaum-
chaussee 58, 20148 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

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

Declaration / Déclaration :

(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 TN 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 BG CH CY CZ DE DK EE

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

(51)⁷ **B21B 41/00, 38/02, B21C 47/34, 47/06,**
B65H 23/26, 18/26

(11) **WO 03/041885** (13) A1

(21) PCT/FR02/03869

(22) **12 Nov/nov 2002 (12.11.2002)**

(25) fr (26) fr

(30) 01/14619 **12 Nov/nov 2001 FR**
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • **METHOD AND DEVICE FOR STABI-**
LIZING HIGH-SPEED UNWINDING OF
A STRIP PRODUCT

• **PROCEDE ET DISPOSITIF DE STA-**
BILISATION DU DEFILEMENT A
GRANDE VITESSE D'UN PRODUIT
EN BANDE

(71) **VAI CLECIM** [FR/FR]; Le Polyèdre, 53, rue
des Trois Fontanot, F-92000 Nanterre (FR).

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

(72, 75) **MALARD, Thierry** [FR/FR]; 8, Clos
de la Carpe, F-95290 L'Isle Adam (FR).
VALENCE, Marc [FR/FR]; 14, avenue
Dubonnet, F-92400 Courbevoie (FR). **VIEL,**
Christian [FR/FR]; 46, rue Hoche, F-78800
Houilles (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 SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **B21D 5/14 // 11/10**

(11) **WO 03/041886** (13) A1

(21) PCT/SE02/01689

(22) **18 Sep/sep 2002 (18.09.2002)**

(25) sv (26) en

(30) 0103229-1 **27 Sep/sep 2001 SE**
(27.09.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • **A METHOD OF BENDING METAL**
ROOFING SHEETS AND A BENDING
APPARATUS

• **PROCEDE DE CINTRAGE DE TOLES**
DE TOIT METALLIQUE ET APPAREIL
DE CINTRAGE

(71) **ORTIC AB** [SE/SE]; Tunavägen 290, S-781
73 Borlänge (SE).

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

(72, 75) **INGVARSSON, Lars** [SE/SE]; Mynt-
gatan 3, S-784 54 Borlänge (SE).

(74) **ÅSLUND, Roland**; Avesta Patentbyrå, P.O.
Box 99, S-775 01 Krylbo (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 TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ **B21D 13/04**

(11) **WO 03/041887** (13) A1

(21) PCT/SE02/01738

(22) **25 Sep/sep 2002 (25.09.2002)**

(25) sv (26) en

(30) 0103230-9 **26 Sep/sep 2001 SE**
(26.09.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • **METHOD OF FORMING METAL**
SHEET
• **PROCEDE DE FORMATION DE**
FEUILLE METALLIQUE

(71) **CLAES-HÅKAN LUNDGREN MED**
FIRMA [SE/SE]; Plåtförm Claes-Håkan
Lundgren, Håsthovsgatan 26, S-784 65 Bor-
länge (SE).

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

(72, 75) **LUNDGREN, Claes-Håkan** [SE/SE];
Håsthovsgatan 26, S-784 65 Borlänge (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 (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SD SE SG SI SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ **B21D 31/04, B26F 1/18**

(11) **WO 03/041888** (13) A1

(21) PCT/SE02/02068

(22) **13 Nov/nov 2002 (13.11.2002)**

- (25) en (26) en
 (30) 0103760-5 13 Nov/nov 2001 SE
 (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND ARRANGEMENT FOR MACHINING AN OBJECT
 • PROCEDE ET AGENCEMENT POUR L'USINAGE D'UN OBJET
- (71) BALCUS AB [SE/SE]; P O Box 147, S-713 12 NORA (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EKLÖF, Lars [SE/SE]; Västergårdsgatan 5, S-590 49 VIKINGSTAD (SE).
- (74) ALBIHNS STOCKHOLM AB; P.O. Box 5581, Linnégatan 2, S-114 85 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B21D 39/03, H02K 15/02, F16B 5/04
 (11) WO 03/041889 (13) A1
 (21) PCT/BR02/00153
 (22) 12 Nov/nov 2002 (12.11.2002)
 (25) en (26) en
 (30) PI 0105827-4 13 Nov/nov 2001 BR
 (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A METALLIC LAMINATION, A STACK OF METALLIC LAMINATIONS AND PACKING METHOD THEREFOR
 • TOLE METALLIQUE, EMPILEMENT DE TOLES METALLIQUES ET PROCEDE D'ASSEMBLAGE
- (71) EMPRESA BRASILEIRA DE COMPRESSORES S/A - EMBRACO [BR/BR]; Rua Rui Barbosa, 1020, 89219-901 Joinville, SC (BR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SPERANDIO, Luis, Carlos [BR/BR]; Rua Rudolf Baumer, 227, 89237-220 Joinville, SC (BR).
- (74) ARNAUD, Antonio, M., P. et al. / etc.; Rua José Bonifácio, 93 - 9th floor, 01003-901 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B21D 39/20, 53/08
 (11) WO 03/041890 (13) A1
 (21) PCT/JP02/03507
 (22) 8 Apr/avr 2002 (08.04.2002)
 (25) ja (26) ja
 (30) 2001-385300 12 Nov/nov 2001 JP
 (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • APPARATUS FOR ENLARGING TUBE USED IN HEAT EXCHANGER
 • DISPOSITIF POUR ELARGIR UN TUYAU D'ECHANGEUR THERMIQUE
- (71) KYOSHIN KOGYO CO., LTD. [JP/JP]; 20-7, Ebie 7-chome, Fukushima-ku, Osaka-shi, Osaka 553-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TOKURA, Kenji [JP/JP]; c/o Kyoshin Kogyo Co., Ltd., 20-7, Ebie 7-chome, Fukushima-ku, Osaka-shi, Osaka 553-0001 (JP).
- (81) CN KR US.
- Published / Publiée : (b)
-
- (51)⁷ B21D 51/38
 (11) WO 03/041891 (13) A1
 (21) PCT/KR02/01805
 (22) 25 Sep/sep 2002 (25.09.2002)
 (25) ko (26) en
 (30) 2001-59438 25 Sep/sep 2001 KR
 (25.09.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD OF MANUFACTURING DESIGN TAB END USING PILOT HOLE OF TAB COIL
 • PROCEDE DE FABRICATION D'EXTREMITE DE LANGUETTE A DESIGN AU MOYEN D'UN AVANT-TROU D'UNE BOBINE A LANGUETTE
- (71) C-SOLUTION INC. [KR/KR]; 1108 Ima Bldg., 146-1, Susong-dong, Jongro-gu, Seoul 110-755 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHUNG, Hyung-Dong [KR/KR]; 1-1801 Jamwon Family Apt., 51 Jamwon-dong, Seocho-gu, Seoul 137-030 (KR).
- (74) PARK, Young-Sun; Park & Partners, 9th Floor, Tongyoung Bldg., 1318-2 Seocho-4-dong, Seocho-gu, Seoul 137-074 (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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B22C 1/00
 (11) WO 03/041892 (13) A2
 (21) PCT/US02/36631
 (22) 13 Nov/nov 2002 (13.11.2002)
 (25) en (26) en
 (30) 60/332,679 14 Nov/nov 2001 US
 (14.11.2001)
 (30) 60/414,809 30 Sep/sep 2002 US
 (30.09.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR PRODUCING FOUNDRY SHAPES
 • PROCEDE DE PRODUCTION DE FORMES DE FONDERIE
- (71) THE HILL AND GRIFFITH COMPANY [US/US]; 1262 State Avenue, Cincinnati, OH 45204 (US).
- (72) LAFAY, Victor, S.; 11132 Marlette Drive, Cincinnati, OH 45249 (US). NELTNER, Stephen, L.; 11 Shadow Wood Court, Alexandria, KY 41001 (US).
- (74) LEVY, Mark, P. et al. / etc.; Thompson Hine LLP, 2000 Courthouse Plaza, N.E., 10 West Second Street, Dayton, OH 45402-1758 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B22C 11/115
 (11) WO 03/041893 (13) A1
 (21) PCT/SE02/01756
 (22) 27 Sep/sep 2002 (27.09.2002)
 (25) sv (26) en
 (30) 0103205-1 27 Sep/sep 2001 SE
 (27.09.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A DEVICE AND A METHOD FOR CONTINUOUS CASTING
 • DISPOSITIF ET PROCEDE DE COULEE EN CONTINU
- (71) ABB AB [SE/SE]; KopparbergsVägen 2, SE-721 83 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ERIKSSON, Jan-Erik [SE/SE]; Egils väg 60, S-723 55 Västerås (SE).
- (74) OLSSON, Jan et al. / etc.; Legal & Compliance, Intellectual Property, SE-72178 Västerås (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ

CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ B22D 11/00

(11) WO 03/041894 (13) A2

(21) PCT/US02/36120

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 60/338,159 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MULTI-HOLE, MULTI-EDGE CONTROL PLATE FOR LINEAR SLIDING GATE

• PLAQUE DE REGULATION A TROUS ET A BORDS MULTIPLES POUR PORTE COULISSANTE LINEAIRE

(71) VESUVIUS CRUCIBLE COMPANY [US/US]; 103 Foulk Road, Suite 32, Wilmington, DE 19803 (US).

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

(72, 75) KING, Patrick, Dana [US/US]; 1808 Lon Drive, Rantoul, IL 61866 (US). ROSS, Douglas, Howard [US/US]; 2011 N. Foxberry Drive, Urbana, IL 61802 (US).

(74) WILLIAMS, James, R.; Vesuvius USA Corporation, 27 Noblestown Road, Carnegie, PA 15106 (US).

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

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

Declaration / Déclaration :

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

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

(51)⁷ B22D 19/06 // B21D 37/01

(11) WO 03/041895 (13) A1

(21) PCT/SE02/02064

(22) 12 Nov/nov 2002 (12.11.2002)

(25) sv (26) en

(30) 0103769-6 13 Nov/nov 2001 SE (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • TOOL AND METHOD FOR ITS MANUFACTURE

• OUTIL ET SON PROCEDE DE PRODUCTION

(71) INDUSTRIELLT UTVECKLINGSCENTRUM I OLOFSTRÖM AB [SE/SE]; V. Storgatan 20, S-293 38 Olofström (SE). VOLVO PERSONVAGNAR AB [SE/SE]; Karoskomponenter, S-293 80 Olofström (SE).

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

(72, 75) BERG, Bengt [SE/SE]; Övre Brogatan 452, S-293 36 Olofström (SE). SVENSSON, Christer [SE/SE]; Bygatan 5H, S-293 72 Jämshög (SE).

(74) WALLENGREN, Yngvar et al. / etc.; Patentbyrå 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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ B22D 27/00

(11) WO 03/041896 (13) A2

(21) PCT/EP02/12668

(22) 13 Nov/nov 2002 (13.11.2002)

(25) de (26) de

(30) 101 56 336.1 16 Nov/nov 2001 DE (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PRODUCING ALLOY INGOTS

• PROCEDE DE PRODUCTION D'ALLIAGES INTERMETALLIQUES (INGOTS)

(71) ALD VACUUM TECHNOLOGIES GMBH [DE/DE]; Wilhelm-Rohn-Strasse 35, 63450 Hanau (DE). GFE METALLE UND MATERIALIEN GMBH [DE/DE]; Höfener Strasse 45, 90431 Nürnberg (DE). GKSS-FORSCHUNGSZENTRUM GEESTHACHT GMBH [DE/DE]; Max-Planck-Strasse, 21502 Geesthacht (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLUM, Matthias [DE/DE]; Furtwiese 19, 63654 Büdingen (DE). JARCZYK, Georg [DE/DE]; Albert-Schweizer-Strasse 20, 63538 Grosskrotzenburg (DE). CHATTERJEE, Anita [DE/DE]; Glockendonstrasse 16, 90429 Nürnberg (DE). FÜR-WITT, Willy [DE/DE]; Narzissenstrasse 21, 90768 Fürth (DE). GÜTHER, Volker [DE/DE]; Saarländer Strasse 3, 90559 Burgthann (DE). CLEMENS, Helmut [AT/DE]; Soltaustrasse 17, 21029 Hamburg (DE). DANKER, Heinz [DE/DE]; Tannenweg 6B, 21502 Geesthacht (DE). GERLING, Rainer [DE/DE]; Blocksberg 8, 21465 Reinbek (DE). SASSE, Friedhelm [DE/DE]; Am Stadtfeld 15, 21447 Handorf (DE). SCHIMANSKY, Frank-Peter [DE/DE]; Bellevueberg 23A, 21502 Geesthacht (DE).

(74) ABITZ, Walter et al. / etc.; Abitz & Partner, Poschingerstrasse 6, 81628 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ B22F

(11) WO 03/041897 (13) A2

(21) PCT/IB02/04461

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 01204334.5 13 Nov/nov 2001 EP (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • COMPOSITION COMPRISING SILVER METAL PARTICLES AND A SILANE DERIVATIVE

• COMPOSITION RENFERMANT DES PARTICULES D'ARGENT METALLIQUE ET UN DERIVE DE SILANE

(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) BOEHMER, Marcel, R. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). PEETERS, Martinus, P., J. [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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

(51)⁷ B23B 51/00 // B23C 5/20

(11) WO 03/041898 (13) A1

(21) PCT/SE02/02060

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 0103752-2 13 Nov/nov 2001 SE
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ROTATABLE TOOL FOR CHIP RE-
MOVING MACHINING AND APPUR-
TENANT CUTTING PART

• OUTIL ROTATIF POUR USINAGE PAR
ENLEVEMENT DE COPEAUX ET
COUPEAU A CET EFFET

(71) SANDVIK AKTIEBOLAG [SE/SE]; S-811
81 Sandviken (SE).

(72) HANSSON, Lars-Ola; Årsundavägen 12
B, S-811 61 Sandviken (SE). HOFFMAN,
Christer; Promenaden 6, S-811 36 Sand-
viken (SE).

(74) BENTON, Richard; Sandvik Aktiebolag,
Intellectual Property, S-811 81 Sandviken
(SE).

(81) CN IL KR PL.

Published / Publiée : (b)

(51)⁷ B23D 61/18

(11) WO 03/041899 (13) A1

(21) PCT/EP02/12002

(22) 28 Oct/oct 2002 (28.10.2002)

(25) de (26) de

(30) 01811090.8 13 Nov/nov 2001 EP
(13.11.2001)

(30) 02405834.9 26 Sep/sep 2002 EP
(26.09.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SAWING WIRE

• FIL A SCIER

(71) SIA ABRASIVES INDUSTRIES AG
[CH/CH]; Mühlewiesenstrasse 20, CH-8501
Frauenfeld (CH).

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

(72, 75) JENTGENS, Christian [CH/CH]; Sefi-
weidstrasse 6, 8360 Eschlikon (CH).

(74) HEPP, Dieter et al. / etc.; Hepp, Wenger
& Ryffel AG, Friedtalweg 5, CH-9500 Wil
(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 TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ B23H

(11) WO 03/041900 (13) A2

(21) PCT/DE02/04198

(22) 12 Nov/nov 2002 (12.11.2002)

(25) de (26) de

(30) 101 55 607.1 13 Nov/nov 2001 DE
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND DEVICE FOR THE
ELECTROEROSIVE MATERIAL MA-
CHINING OF A WORKPIECE

• PROCEDE ET DISPOSITIF D'USINAGE
DE MATERIAUX PAR ELECTRO-ERO-
SION D'UNE PIECE

(71) ROBERT BOSCH GMBH [DE/DE]; Post-
fach 30 02 20, 70442 Stuttgart (DE).

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

(72, 75) LUKIC, Boris [DE/DE]; Hirschweg 12,
73479 Ellwangen (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 TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B23H 9/00, 3/10, 7/18, 3/00

(11) WO 03/041901 (13) A1

(21) PCT/US02/35820

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 60/337,333 8 Nov/nov 2001 US
(08.11.2001)

(30) 10/080,755 22 Feb/fév 2002 US
(22.02.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • AUTOMATED MACHINE CONTROL
GAP FOR CONICAL FLUID DYNAMIC
BEARING ECM GROOVING

• ESPACE D'USINAGE COMMANDE
AUTOMATIQUEMENT POUR RAINU-
RAGE PAR USINAGE ELECTROCHI-
MIQUE DE PALIERS DYNAMIQUES
FLUIDES CONIQUES

(71) SEAGATE TECHNOLOGY, LLC
[US/US]; 920 Disc Drive, Scotts Valley,
CA 95067-0360 (US).

(72) COCHRAN, Dustin, Alan; 29 Monterey
Vista Drive, Watsonville, CA 95076 (US).

(74) HELLER, Edward, P.; 350 Cambridge Av-
enue, Suite 250, Palo Alto, CA 94306 (US).

(81) CN DE GB JP KR SG.

Published / Publiée : (c)

(51)⁷ B23K 9/127, G01B 11/30

(11) WO 03/041902 (13) A1

(21) PCT/CH02/00613

(22) 14 Nov/nov 2002 (14.11.2002)

(25) de (26) de

(30) 2101/01 15 Nov/nov 2001 CH
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND DEVICE FOR EVAL-
UATION OF JOINTING REGIONS ON
WORKPIECES

• PROCEDE ET DISPOSITIF POUR EVA-
LUER DES POINTS DE JONCTION DE
PIECES

(71) ELPATRONIC AG [CH/CH]; Industries-
trasse 35, CH-8962 Bergdietikon (CH).

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

(72, 75) SCHWARZ, Joachim [DE/CH];
Flaacherstrasse 18, CH-8450 Andelfin-
gen (CH). HALSCHKA, Martin [DE/DE];
Otto-Dix-Strasse 15, 78224 Singen (DE).

(74) ELPATRONIC AG; Industriestrasse 35,
CH-8962 Bergdietikon (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 TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ B23K 10/00

(11) WO 03/041903 (13) A1

(21) PCT/FR02/03254

(22) 24 Sep/sep 2002 (24.09.2002)

(25) fr (26) fr

(30) 01/12967 9 Oct/oct 2001 FR
(09.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND INSTALLATION FOR
MODULATED PLASMA JET CUTTING
AT SHARP CHANGES OF DIRECTION,
IN PARTICULAR ANGLES

• PROCEDE ET INSTALLATION DE
COUPAGE PAR JET DE PLASMA
MODULE AU NIVEAU DES CHANGE-
MENTS BRUTAUX DE TRAJECTOIRE,
NOTAMMENT DES ANGLES

(71) LA SOUDURE AUTOGENE FRAN-
CAISE [FR/FR]; 75, quai d'Orsay, F-75321
Paris (FR).

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

(72, 75) DELZENNE, Michel [FR/FR]; 3,
résidence Colline Saint-Marc, F-95130 Fran-
conville (FR).

(74) PITTIS, Olivier; L'Air Liquide, S.A., 75,
quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(81) CA US.

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

Published / Publiée : (c)

(51)⁷ B23K 26/067, H05K 3/00

(11) WO 03/041904 (13) A1

(21) PCT/JP02/11838

(22) 13 Nov/nov 2002 (13.11.2002)
(25) ja (26) ja
(30) 2001-349664 15 Nov/nov 2001 JP
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)
(54) • LASER BEAM MACHINING DEVICE
• APPAREIL D'USINAGE A FAISCEAU LASER

(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) KUROIWA, Tadashi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP). IJIMA, Kenichi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP). KOBAYASHI, Nobutaka [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) CN DE JP KR US.

(51)⁷ B23K 26/08, 26/04

(11) WO 03/041905 (13) A1

(21) PCT/GB02/05179

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 0127410.9 15 Nov/nov 2001 GB
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SUBSTRATE TREATMENT DEVICE AND METHOD AND ENCODER SCALE TREATED BY THIS METHOD
• PROCEDE ET DISPOSITIF DE TRAITEMENT DE SUBSTRAT ET ECHELLE DE CODAGE TRAITÉE PAR CE PROCEDE

(71) RENISHAW PLC [GB/GB]; New Mills, Wotton-under-Edge, Gloucestershire GL12 8JR (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ELLIN, Alexander, David, Scott [GB/GB]; Willowdene, Washpole, Horsley, Gloucestershire GL6 0PP (GB). HENSHAW, James, Reynolds [GB/GB]; 1 Field Place, Paganhill, Stroud, Gloucestershire GL5 4BB (GB). McMURTY, David, Roberts [GB/GB]; Park Farm, Stancombe, Dursley, Gloucestershire GL11 6AT (GB).

(74) JACKSON, John, Timothy; Renishaw PLC, Patent Department, New Mills, Wotton-Under-Edge, Gloucestershire GL12 8JR (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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

Published / Publiée : (c)

Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ B23K 26/42

(11) WO 03/041906 (13) A1

(21) PCT/SE02/01922

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 0103582-3 29 Oct/oct 2001 SE
(29.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • OPTICAL FIBRE DEVICE
• DISPOSITIF A FIBRE OPTIQUE

(71) PERMANOVA LASERSYSTEM AB [SE/SE]; Krokslätts Fabriker 30, S-431 37 Mölndal (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FRID, Joakim [SE/SE]; Wrangels-gatan 10C, S-416 62 Göteborg (SE). GALT, Sheila [SE/SE]; Brattaskärsv. 83, S-433 64 Sävedalen (SE). HARD, Sverker [SE/SE]; Langasliden 28, S-412 70 Göteborg (SE). SjöBERG, Mats [SE/SE]; Berghemsgatan 16, S-431 37 Mölndal (SE). TELJEIRO, Manuel, Jose, Lopez-Quiroga [SE/SE]; Linnéplatsen 3, S-413 10 Göteborg (SE). THORSELL, Peter [SE/SE]; Studiegangen 9-307, S-416 81 Göteborg (SE).

(74) OLSSON, Gunnar; Nobel Biocare AB, Box 5190, S-402 26 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ B23Q 9/00, B25H 1/00, B23D 45/02

(11) WO 03/041907 (13) A1

(21) PCT/DE01/04234

(22) 10 Nov/nov 2001 (10.11.2001)

(25) de (26) de

(43) 22 May/mai 2003 (22.05.2003)

(54) • GUIDE DEVICE FOR SAWS
• DISPOSITIF DE GUIDAGE POUR SCIES

(71) ANTON KESSEL GMBH & CO. KG. [DE/DE]; Alzheimer Strasse 1, 88515 Andelfingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAISSENHÄLTER, Odilo [DE/DE]; Heiligkreuztaler Strasse 7, 88515 Andelfingen (DE).

(74) BENDER, Ernst, Albrecht; Bahnhofstrasse 29, 88400 Biberach (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 B23Q 11/00, B01D 36/02, 36/04

(11) WO 03/041908 (13) A1

(21) PCT/US02/35674

(22) 6 Nov/nov 2002 (06.11.2002)

(25) en (26) en

(30) 2001/349126 14 Nov/nov 2001 JP
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CHIP DISCHARGE CONVEYOR SYSTEM EQUIPPED WITH A FILTRATION
• SYSTEME DE TRANSPORT ET D'EVACUATION DE COPEAUX, EQUIPE D'UN SYSTEME DE FILTRATION

(71) MAYFRAN INTERNATIONAL [US/US]; P.O. Box 43038, 6650 Beta Drive, Cleveland, OH 44143-0038 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RYUICHI, Hori [JP/JP]; 293 Minamit-suchiyama, Tsuchiyama-cho, Kouga-gun, Shiga 528-0212 (JP). SHIGENORI, Matsuoka [JP/JP]; 1-18 Takatsuka, Minakuchi-cho, Kouga-gun, Shiga 528-0011 (JP). KENICHI, Endo [JP/JP]; 561-6 Ryuboshi, Konan-cho, Kouga-gun, Shiga 520-3311 (JP).

(74) KENT DANIELS, E., Jr.; Fay, Sharpe, Fagan, Minnich & McKee, 1100 Superior Avenue, Seventh Floor, Cleveland, OH 44114-2579 (US).

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

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

(51)⁷ B24B 37/04, 49/12, B24D 7/12

(11) WO 03/041909 (13) A1

(21) PCT/US02/35649

(22) 6 Nov/nov 2002 (06.11.2002)

(25) en (26) en

(30) 10/035,519 9 Nov/nov 2001 US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS FOR ENDPOINT DETECTION DURING CHEMICAL MECHANICAL POLISHING

• PROCEDE ET APPAREIL POUR DETECTION DE POINT FINAL LORS

D'UN POLISSAGE CHIMIQUE ET MECANIQUE (CMP)

- (71) **SPEEDFAM-IPEC CORPORATION** [US/US]; Attention: James L. Farmer, Esq., (480) 705-2668, 305 North 54th Street, Chandler, AZ 85226 (US).
- (72) **PARIKH, Prabodh, J.**; 8869 S. Ash Avenue, Tempe, AZ 85284 (US).
- (74) **ZEMAN, Laura, J.**; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004-2202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B24C 9/00

(11) WO 03/041910 (13) A1

(21) PCT/US02/35934

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 60/344,751 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CLEANING APPARATUS
• APPAREIL DE NETTOYAGE

(71) **SAFETY-KLEEN SYSTEMS, INC.** [US/US]; 1301 Gervais Street, Columbia, SC 29201 (US).

(72) **PUBL, Rudy**; 1887 Deere Lane, Glendale Heights, IL 60139 (US). **GUTKOWSKI, Brian**; 7505 Sheridan Drive, Willowbrook, IL 60527 (US).

(74) **BUFALINO, Angelo, J.**; Vedder Price Kaufman & 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ B24D 11/02, 3/00, 15/04

(11) WO 03/041911 (13) A1

(21) PCT/US02/36330

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 2001-347534 13 Nov/nov 2001 JP (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ABRASIVE MATERIAL
• MATERIAU ABRASIF

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **HARA, Fujio**, [JP/JP]; 49-3, Minamiosawa 4-chome, Hachioji, Tokyo 192-03 (JP).

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(72, 75) **SUZUKI, Kazuo** [JP/JP]; 5-20, Kamimizo 4-chome, Sagamihara, Kanagawa 229-1123 (JP).

(74) **PRIBNOW, Scott, R. et al.** / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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

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

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(51)⁷ B25B 1/00

(11) WO 03/041912 (13) A1

(21) PCT/US02/36334

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/332,130 13 Nov/nov 2001 US (13.11.2001)

(30) 10/189,938 3 Jul/juil 2002 US (03.07.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • APPARATUS FOR SECURING A WORKPIECE
• APPAREIL PERMETTANT D'IMMOBILISER DES PIECES

(71) **WMH TOOL GROUP, INC.** [US/US]; 300 South Hicks Road, Palatine, IL 60067 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VARZINO, Robert, E.** [US/US]; 412 Whipple, Batavia, IL 60510 (US). **LYTELL, Mark, R.** [US/US]; 81 Poplar Court, Glendale Heights, IL 60139 (US).

(74) **SAMPLES, Kenneth, H. et al.** / etc.; Fitch, Even, Tabin & Flannery, Suite 1600, 120 South LaSalle Street, Chicago, IL 60603 (US).

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

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

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

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(51)⁷ B25B 5/08

(11) WO 03/041913 (13) A1

(21) PCT/FR02/03807

(22) 7 Nov/nov 2002 (07.11.2002)

(25) fr (26) fr

(30) 01/14893 16 Nov/nov 2001 FR (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CENTERING AND CLAMPING PILOT TOOL

• OUTIL PILOTE DE CENTRAGE ET DE SERRAGE

(71) **MENAGE, Christine** [FR/FR]; 30, boulevard du Château, F-92200 Neuilly sur Seine (FR). **DAWIDOWICZ, Armand** [FR/FR]; 30, boulevard du Château, F-92200 Neuilly sur Seine (FR).

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(71, 72) **BEFFRIEU, Michel** [FR/FR]; 27, avenue Foch, F-93460 Gournay (FR).

(74) **DAWIDOWICZ, Armand**; Cabinet Dawidowicz, 38/40 allée du Closeau, ZI des Richardets, F-93166 Noisy Le Grand 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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(51)⁷ B25B 23/142

(11) WO 03/041914 (13) A2

(21) PCT/US02/36344

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/333,033 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ELECTRONIC TORQUE WRENCH

• CLE DYNAMOMETRIQUE ELECTRONIQUE

(71) **SNAP-ON TECHNOLOGIES, INC.** [US/US]; 450 Barclay Boulevard, Lincolnshire, IL 60069 (US).

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(72, 75) **BECKER, Thomas, P.** [US/US]; 4727-70th Street, Kenosha, WI 53142 (US).

BREKKE, David, F. [US/US]; 3238 Trudeau Trace, Franksville, WI 53126 (US). **CURRY, David, D.** [US/US]; 8041-48th Avenue, Kenosha, WI 53142 (US). **CUTLER, Brian, J.** [US/US]; 2714 Batson Avenue, Rowland Hts., CA 91748 (US). **DUVAN, David** [—/US]; 6781 Truman Street, Chino, CA 91710 (US). **KURTOVIC, Jay** [US/US]; 2509 Starshine, Walnut, CA 91789 (US). **DAVIS, Charles, P.** [US/US]; 2802 Winlock Road, Torrance, CA 90505 (US). **SEGGER, Rolf** [DE/DE]; 5 Draengenburgerstr., Dueseldorf (DE).

(74) **STOTLAND, Harold, V.**; Seyfarth Shaw, Suite 4200, 55 East Monroe Street, Chicago, IL 60603 (US).

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

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

(51)⁷ B25D 11/12

(11) WO 03/041915 (13) A1

(21) PCT/EP02/11961

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 0127394.5 15 Nov/nov 2001 GB (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • HAMMER

• MARTEAU

(71) **BLACK & DECKER INC.** [US/US]; Drummond Plaza Office Park, 1423 Kirkwood Highway, Newark, DE 19711 (US).

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

(72, 75) **HANKE, Andreas** [DE/DE]; Sonnenring 1, 65520 Bad Camberg (DE).

(74) **BELL, Ian, Stephen** et al. / etc.; Black & Decker, 210 Bath Road, Slough, Berkshire SL1 3YD (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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 TN 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la

désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ B25H 1/00

(11) WO 03/041916 (13) A1

(21) PCT/US02/34586

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/010,358 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ALIGNMENT SYSTEM FOR HAND-HELD TOOLS

• SYSTEME D'ALIGNEMENT POUR OUTILS TENU A LA MAIN

(71, 72) **PETERSON, Francis, C.** [US/US]; 1010 County Road E, Spooner, WI 50801 (US).

(74) **SAMPLES, Kenneth, H.** et al. / etc.; Fitch, Even, Tabin & Flannery, Suite 1600, 120 South LaSalle, Chicago, IL 60603 (US).

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

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

(51)⁷ B25H 7/04

(11) WO 03/041917 (13) A1

(21) PCT/US02/36609

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 09/992,172 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DEVICE AND METHOD FOR MAKING PRECISE MEASUREMENTS AND CUTS WITH A MEASURING TAPE

• DISPOSITIF ET PROCÉDE PERMETTANT D'EFFECTUER DES MESURES ET DES DECOUPES PRECISES AU MOYEN D'UN RUBAN

(71) **BAIDA, Nicholas, F.** [US/US]; 255 Woodbrook Drive, Grants Pass, OR 97526 (US).

(74) **LENT, Daniel, P.** et al. / etc.; Reed Smith LLP, 599 Lexington 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 MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

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

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(51)⁷ B26B 19/04

(11) WO 03/041918 (13) A1

(21) PCT/JP02/11359

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 2001-350747 15 Nov/nov 2001 JP (15.11.2001)

(30) 2002-176471 17 Jun/juin 2002 JP (17.06.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DRY SHAVER WITH A CRADLE SHAVING HEAD

• RASOIR A SEC AVEC TETE DE RASAGE A BASCULE

(71) **MATSUSHITA ELECTRIC WORKS, LTD.** [JP/JP]; 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP).

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(72, 75) **SHIBA, Takeshi** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP).

TANIGUCHI, Fumio [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP).

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(74) **NISHIKAWA, Yoshikiyo** et al. / etc.; Hokuto Patent Attorneys Office, Umeda-Daichiseimei Bldg. 5F, 12-17, Umeda 1-chome, Kita-ku, Osaka-shi, Osaka 530-0001 (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ B26D

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(21) PCT/US02/36314

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/338,575 13 Nov/nov 2001 US (13.11.2001)

- (43) 22 May/mai 2003 (22.05.2003)
- (54) • COATING FOR STATIONERY CUTTING IMPLEMENTS
• REVETEMENT POUR OUTILS DE COUPE A POSTE FIXE
- (71) ACME UNITED CORPORATION [US/US]; 1931 Black Rock Turnpike, Fairfield, CT 06432 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BUCHTMANN, Larry [US/US]; Goldsboro, NC (US). PIA, Gary [US/US]; Stamford, CT (US).
- (74) RUGGIERO, Charles, N, J.; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., 1 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B27B 5/38, 33/08, B21J 5/06, B21K 1/36, 5/12
- (11) WO 03/041920 (13) A2
- (21) PCT/NZ02/00247
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 515429 13 Nov/nov 2001 NZ (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A TOOL
• OUTIL
- (71) IZARD IRWIN INTERNATIONAL LIMITED [NZ/NZ]; 22 Hood Street, Wellsford, Auckland 1242 (NZ).
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- (72, 75) MINTON, Denis, John [NZ/NZ]; 17 Deerness Crescent, Algies Bay 1241 (NZ). RICE, Kieran, James [NZ/NZ]; 42 Victoria Street, Warkworth 1241 (NZ). PRUJEAN, Hayden, Geoffrey [NZ/NZ]; 258 Ryan Road, R.D.5, Wellsford 1242 (NZ). WALTON, Barry [GB/NZ]; 89 Leigh Road, Mathesons Bay, R.D.5, Warkworth 1241 (NZ). MOLTZER, Eduard, Octavian [NZ/NZ]; 4 Lingham Crescent, Torbay, Auckland 1311 (NZ). KELLY, Michael, John [NZ/NZ]; 107 Grange Street, Snells Beach, Warkworth 1241 (NZ). COWPLAND, Paul [NZ/NZ]; 8 Carney Avenue, Marsden Point, Ruakaka 0250 (NZ). KING, Marcus, James [NZ/NZ]; 23 Salmund Street, Christchurch 8002 (NZ). LE-NGOC, Lan [NZ/NZ]; 144 Marshland Road, Shirley, Christchurch 8001 (NZ).
- (74) ADAMS, Matthew, D. et al. / etc.; A J Park, 6th Floor Huddart Parker Building, PO Box 949, Wellington 6015 (NZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B27F 7/38
- (11) WO 03/041922 (13) A1
- (21) PCT/JP02/11957
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) ja (26) ja
- (30) 2001-350669 15 Nov/nov 2001 JP (15.11.2001)
- (30) 2001-353716 19 Nov/nov 2001 JP (19.11.2001)
- (30) 2001-363321 28 Nov/nov 2001 JP (28.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • STAPLE CARTRIDGE
• CHARGEUR POUR AGRAFES
- (71) MAX CO., LTD. [JP/JP]; 6-6, Nihonbashihakozaki-cho, Chuo-ku, Tokyo 103-8502 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YOSHIE, Toru [JP/JP]; c/o Max Co., Ltd., 6-6, Nihonbashihakozaki-cho, Chuo-ku, Tokyo 103-8502 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B27G 13/12, 13/10
- (11) WO 03/041924 (13) A1
- (21) PCT/CA02/01741

- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 2,363,389 15 Nov/nov 2001 CA (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CUTTERHEAD WITH REGRINDABLE INSERTS
• FRAISE AVEC INSERTS POUVANT ETRE REAFFUTES
- (71) OUTILS GLADU INC. [CA/CA]; 2115, rue St-Césaire, Marieville, Québec J3M 1E5 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FAFARD, Gabriel [CA/CA]; 7032, rue des Bégonias, St-Hubert, Québec J3Y 8S2 (CA). TURCOT, Philippe [CA/CA]; 440, Chemin des Patriotes Sud, Mont-St-Hilaire, Québec J3H 3G8 (CA).
- (74) CLARK, Sébastien 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B27K 3/08, 3/32
- (11) WO 03/041925 (13) A1
- (21) PCT/JP02/11954
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) ja (26) ja
- (30) 2001-352476 16 Nov/nov 2001 JP (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD OF MANUFACTURING NONCOMBUSTIBLE WOOD
• PROCEDE DE FABRICATION DE BOIS NON COMBUSTIBLE
- (71) ASANO MOKUZAI INDUSTRY CO., LTD [JP/JP]; 114, Inotsume 5-chome, Maruoka-cho, Sakai-gun, Fukui 910-0303 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ASANO, Nariaki [JP/JP]; c/o ASANO MOKUZAI INDUSTRY CO., LTD, 114, Inotsume 5-chome, Maruoka-cho, Sakai-gun, Fukui 910-0303 (JP). ASANO, Hiroya [JP/JP]; c/o ASANO MOKUZAI INDUSTRY CO., LTD, 114, Inotsume 5-chome, Maruoka-cho, Sakai-gun, Fukui 910-0303 (JP). ASANO, Takahito [JP/JP]; c/o ASANO MOKUZAI INDUSTRY CO., LTD, 114, Inotsume 5-chome, Maruoka-cho, Sakai-gun, Fukui 910-0303 (JP).
- (74) SHIRASAKI, Shinji; SHIRASAKI INTERNATIONAL PATENT OFFICE, 5th Floor, Mikado Bldg., 29-21, Takadanobaba 1-chome, 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B27K 7/00, B67B 1/03
- (11) WO 03/041927 (13) A1
- (21) PCT/PT01/00028
- (22) 12 Nov/nov 2001 (12.11.2001)
- (25) en (26) en
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • NEW PROCESS FOR TREATING CORK STOPPERS OR PLANKS FOR THE REDUCTION OF STRANGE AROMAS, NAMELY 2,4,6-TRICHOLOANISOLE
• NOUVEAU PROCEDE DE TRAITEMENT DE BOUCHONS OU DE PLANCHES DE LIEGE DESTINE A REDUIRE LES AROMES ETRANGES, NOTAMMENT LA 2,4,6-TRICHOLOANISOLE
- (71) INSTITUTO SUPERIOR TÉCNICO [PT/PT]; Avenida Rovisco Pais, P-1096 Lisboa Codex (PT). CORK SUPPLY PORTUGAL, S.A. [PT/PT]; Rua do regatinho, P-4536-904 Santa Maria de Lamas (PT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MOURA BORDADO, João, Carlos [PT/PT]; Avenida Rovisco Pais, P-1096 Lisboa Codex (PT). SANTOS MARQUES, João, Pedro [PT/PT]; Avenida Rovisco Pais, P-1096 Lisboa Codex (PT). PISSARRA GONCALVES, Miguel, Alfonso [PT/PT]; Avenida Rovisco Pais, P-1096 Lisboa Codex (PT). DE QUEIRÓS MONTENEGRO SOLLARI ALLEGRO, Isabel, Maria [PT/PT]; Rua do Regatinho, P-4536-904 Santa Maria de Lamas (PT). AVELAR LOPES CARDOSO MESQUITA, Ana, Cristina [PT/PT]; Rua do Regatinho, P-4536-904 Santa Maria de Lamas (PT). LOPES FILIPE, Raquel [PT/PT]; Rua Póvoa de Baixo, 406, P-4536-906 Paços de Brandão (PT).
- (74) PEREIRA DA CRUZ, João; Rua Victor Cordon, 14, P-1249-103 Lisboa (PT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B28B 5/02, 23/02, 13/04, 15/00
- (11) WO 03/041928 (13) A1
- (21) PCT/ES02/00517
- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) es (26) es
- (30) P 0102539 16 Nov/nov 2001 ES (16.11.2001)
- (30) P 0200798 8 Apr/avr 2002 ES (08.04.2002)
- (30) P 0202382 17 Oct/oct 2002 ES (17.10.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • INSTALLATION FOR PRODUCING REINFORCED CONCRETE PARTS
• INSTALLATION DESTINEE A LA FABRICATION DE PIECES EN BETON ARME
- (71) ASSOCIATED PROPERTY INVESTMENTS LLC [US/US]; 1013 Centre Road, Wilmington DE 19805 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ECHAURI SENOSIAIN, Virgilio [ES/ES]; Monasterio de Aberin, 2-2^B, E-31001 Pamplona (ES).
- (74) BUCETA FACORRO, Luis; Calle Bravo Murillo, 219 1^B, E-28020 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B28B 7/10**
- (11) **WO 03/041929** (13) A1
- (21) PCT/US01/43875
- (22) **14 Nov/nov 2001 (14.11.2001)**
- (25) en (26) en
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND APPARATUS FOR FORMING A BLOCK HAVING A TEXTURED SURFACE
- PROCEDE ET DISPOSITIF DE FORMATION D'UNE BRIQUE A FACE TEXTUREE
- (71) **ALLIANCE CONCRETE CONCEPTS INC.** [US/US]; 325 Alliance Place Northeast, Rochester, MN 55906 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PRICE, Raymond, R.** [US/US]; 1215 10th Street Southwest, Rochester, MN 55902 (US).
- (74) **MOORE, Malcolm, L.** et al. / etc.; 2900 Wells Fargo Center, 90 South Seventh Street, 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 US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declaration / Déclaration :
(u) *for / pour US only / seulement*
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- (51)⁷ **B29B 17/00, 13/10**
- (11) **WO 03/041931** (13) A1
- (21) PCT/KR01/02255
- (22) **24 Dec/déc 2001 (24.12.2001)**
- (25) ko (26) en
- (30) 2001/70924 **15 Nov/nov 2001 KR (15.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • FREEZE-GRINDING METHOD OF THE WASTE MATERIALS USING THE COOLED AIR.
- PROCEDE DE CRYOBROYAGE DE DECHETS AU MOYEN D'AIR REFROIDI
- (71) **KOLON CONSTRUCTION CO., LTD.** [KR/KR]; KOLON Tower, Byulyang-dong 1-23, 427-040 Kwacheon-city, Kyungki-do (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HONG, Soon-Jin** [KR/KR]; 109-1404, Shin-il Apt., Youngduk-ri, Kiheung-eup, 449-741 Yongin-city, Kyungki-do (KR). **CHOI, Kwang-Ho** [KR/KR]; 31-1205 Hanyang Apt., Songpa-dong, Songpa-ku, 138-779 Seoul (KR). **LEE, Kyu-Dong** [KR/KR]; 102-602 Shindonga Apt., 22 Nonhyun-dong, Kangnam-ku, 135-817 Seoul (KR). **RYOO, Kang-Yong** [KR/KR]; 308-206 Hyundai Apt., 1345-2 Sa-dong, 425-752 Ansan-city, Kyungki-do (KR). **LEE, Jang-Ho** [KR/KR]; 301-1606 Hanshin Apt., Jingun-myun, 427-830 Namyangju-city, Kyungki-do (KR). **IM, Jin-Yong** [KR/KR]; 109 Hyundai Apt., 92 Dangsan-4-ga, Youngdeungpo-ku, 150-806 Seoul (KR). **SOHN, Kyung-Sik** [KR/KR]; 605-506 Mugunghwa Taeyoung Apt., Shinchon-dong, Dongan-ku, 431-741 Anyang-city, Kyungki-do (KR). **HAN, In-Ho** [KR/KR]; 103-1205 Sannaedeul Hyundai Apt., 331 Jukjeon-ri, Suji-eup, 449-984 Yongin-city, Kyungki-do (KR).
- (74) **YOUME PATENT AND LAW FIRM;** Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, 135-080 Seoul (KR).
- (81) CA CN JP US.
- (84) EP (BE DE FR).
-
- (51)⁷ **B29C 33/30**
- (11) **WO 03/041932** (13) A2
- (21) PCT/EP02/12685
- (22) **13 Nov/nov 2002 (13.11.2002)**
- (25) fr (26) fr
- (30) 01/14679 **13 Nov/nov 2001 FR (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • TYRE MOULD
- MOULE POUR PNEUS
- (71) **SOCIETE DE TECHNOLOGIE MICHELIN** [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR).
(for all designated States except / pour tous les États désignés sauf CA MX US)
- (71) **MICHELIN RECHERCHE ET TECHNIQUE S.A.** [CH/CH]; Route Louis Braille 10 et 12, CH-1763 Granges-Pacot (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SOULALIOUX, Alain** [FR/FR]; F-43100 Saint Beauzire (FR).
- (74) **BAUVIR, Jacques;** M.F.P. Michelin, SGD/LG/PI-F35-Ladoux, F-63040 Clermont-Ferrand 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B29C 35/02, 33/20**
- (11) **WO 03/041933** (13) A1
- (21) PCT/JP01/09889
- (22) **13 Nov/nov 2001 (13.11.2001)**
- (25) ja (26) ja
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • TIRE VULCANIZER
- VULCANISATEUR DE PNEUS
- (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) **SANO, Takuzou** [JP/JP]; c/o The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-0047 (JP). **SEKO, Akikazu** [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) CN ID IN KR PH US VN.

(84) EP (DE FR IT).

(51)⁷ **B29C 39/02, 33/00, 59/02, 33/38**

(11) **WO 03/041934** (13) A1

(21) PCT/US02/29552

(22) **17 Sep/sep 2002 (17.09.2002)**

(25) en (26) en

(30) 10/005,831 **9 Nov/nov 2001** US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • **METHOD FOR MAKING A MOLDED POLYMERIC ARTICLE**
• **PROCEDE DE FABRICATION D'UN OBJET POLYMERE MOULE**

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **FERGUSON, Dennis, E.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **KOBE, James, J.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **ZINKE, Bradley, D.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **HANSON, Karl, G. et al.** / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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

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

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

(t) for all designations / pour toutes les désignations

(51)⁷ **B29C 39/12, 41/04, 44/02**

(11) **WO 03/041935** (13) A1

(21) PCT/US02/35187

(22) **1 Nov/nov 2002 (01.11.2002)**

(25) en (26) en

(30) 10/037,189 **9 Nov/nov 2001** US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • **SIMULATED STONE TEXTURE PROCESS**
• **PROCEDE PERMETTANT D'OBTENIR UNE TEXTURE DE PIERRE RECONSTITUEE**

(71, 72) **NASR, Moe** [US/US]; 4614 Bryn Mawr, Houston, TX 77057 (US).

(74) **HARRISON, Al et al.** / etc.; Harrison & Egbert, Suite 100, 1018 Preston Street, Houston, TX 77002 (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 VC VN YU ZA ZW.

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

(51)⁷ **B29C 45/03**

(11) **WO 03/041936** (13) A1

(21) PCT/US02/33370

(22) **18 Oct/oct 2002 (18.10.2002)**

(25) en (26) en

(30) 10/053,055 **9 Nov/nov 2001** US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • **MOLD APPARATUS AND METHOD FOR ONE STEP STEAM CHEST MOLDING**
• **APPAREIL DE MOULAGE ET PROCEDE DESTINE AU MOULAGE DE BOITIERS EN UNE ETAPE**

(71) **JSP LICENSES, INC.** [US/US]; 103 Foulk Road, Suite 205C, Wilmington, DE 19803 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SANDEFER, Paul** [US/US]; 70 Prairie Drive, Sterling, IL 61081 (US). **RUDE, Benji** [US/US]; 15845 Golf Hills Drive, Sterling, IL 61081 (US). **STEIN, Arthur, C.** [US/US]; 29846 Bayview, Grosse Isle, MI 48138 (US). **LITWILLER, Douglas** [US/US]; 710 Otter Drive Creek, Milledgeville, IL 61051 (US). **GIBSON, Thomas, W.** [US/US]; 559 Engle Road, Industry, PA 15052 (US). **WHITE, David** [US/US]; 219 Campbell Avenue, Butler, PA 16001 (US).

(74) **GREENE, Gary, A.; CAESAR, RIVISE, BERNSTEIN, COHEN & POKOTILOW, LTD.**, Seven Penn Center, 1635 Market Street, 12th 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **B29C 45/14, 70/76, 70/88, B65D 85/48**

(11) **WO 03/041937** (13) A1

(21) PCT/US02/24505

(22) **5 Aug/août 2002 (05.08.2002)**

(25) en (26) en

(30) 60/333,166 **14 Nov/nov 2001** US
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • **COMPOSITE KINEMATIC COUPLING**
• **COUPLAGE CINEMATIQUE DE COMPOSITES**

(71) **ENTEGRIS, INC.** [US/US]; 3500 Lyman Boulevard, Chaska, MN 55318 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BHATT, Sanjiv, M.** [IN/US]; 5894 Red Cherry Lane, Minnetonka, MN 55345 (US). **EGGUM, Shawn, D.** [US/US]; 6823 Jackson Avenue, Lonsdale, MN 55046 (US).

(74) **CHRISTENSEN, Douglas, J. et al.** / etc.; Patterson, Thunete, Skaar & Christensen, P.A., 4800 IDS Center, 80 South Eighth Street, Minneapolis, MN 55402-2100 (US).

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

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

(51)⁷ **B29C 45/36, B29D 23/00, B29L 23/00**

(11) **WO 03/041938** (13) A1

(21) PCT/AU02/01542

(22) **12 Nov/nov 2002 (12.11.2002)**

(25) en (26) en

(30) PR 8825 **12 Nov/nov 2001** AU
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • **MOULDING OF HOLLOW ITEMS**
• **MOULAGE D'ARTICLES CREUX**

(71, 72) **FOREHAN, John, Terry** [AU/AU]; 53 Edward Street, Osborne Park, Western Australia 6017 (AU).

(72, 75) **PLACE, Arthur, J** [AU/AU]; 53 Edward Street, Osborne Park, Western Australia 6017 (AU).

(74) WRAY & ASSOCIATES; Level 4, The Quadrant, 1 William Street, Perth, Western Australia 6000 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B29C 45/37, 45/00, 70/54

(11) WO 03/041939 (13) A1

(21) PCT/GB02/04937

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 0127232.7 13 Nov/nov 2001 GB (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A DATUM SYSTEM FOR USE IN MOULDING OPERATIONS

• SYSTEME DE REFERENCE DESTINE A ETRE UTILISE DANS DES OPERATIONS DE MOULAGE

(71) BAE SYSTEMS plc [GB/GB]; 6 Carlton Gardens, London SW1Y 5AD (GB).

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

(72, 75) ACKLAM, Philip, James [GB/GB]; BAE Systems plc, Samlesbury, Balderstone, Lancashire BB2 7LF (GB).

(74) BAE Systems plc et al. / etc.; Group IP Department, PO Box 87, Lancaster House, Farnborough Aerospace Centre, Farnborough, Hampshire GU14 6YU (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ B29C 45/54

(11) WO 03/041940 (13) A1

(21) PCT/EP02/12462

(22) 8 Nov/nov 2002 (08.11.2002)

(25) de (26) de

(30) 101 56 522.4 16 Nov/nov 2001 DE (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INJECTION MOULDING COMPOUNDER

• MACHINE MELANGEUSE POUR MOULAGE PAR INJECTION

(71) KRAUSS-MAFFEI KUNSTSTOFFTECHNIK GMBH [DE/DE]; Krauss-Maffei Strasse 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).

(81) CA US.

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

Published / Publiée : (c)

(51)⁷ B29C 47/04, B29D 30/06

(11) WO 03/041941 (13) A1

(21) PCT/JP02/11048

(22) 24 Oct/oct 2002 (24.10.2002)

(25) ja (26) ja

(30) 2001-345540 12 Nov/nov 2001 JP (12.11.2001)

(30) 2001-394278 26 Dec/déc 2001 JP (26.12.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PRODUCTION METHOD FOR UNVULCANIZED RUBBER MEMBER AND TIRE

• PROCEDE DE PRODUCTION D'UN ELEMENT EN CAOUTCHOUC NON VULCANISE ET D'UN BANDAGE

(71) BRIDGESTONE CORPORATION [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8340 (JP).

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(72, 75) SHIRASAKA, Jingo [JP/JP]; c/o BRIDGESTONE CORPORATION Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-8531 (JP). YAMADA, Tsuguyoshi [JP/JP]; c/o BRIDGESTONE CORPORATION Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-8531 (JP). WADA, Ichiro [JP/JP]; c/o BRIDGESTONE CORPORATION Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-8531 (JP).

(74) SUGIMURA, Kosaku et al. / etc.; Kazan Building, 2-4, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN US.

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

(51)⁷ B29C 49/02, B29D 1/00 // B29L 1:00

(11) WO 03/041942 (13) A1

(21) PCT/SE02/01500

(22) 21 Aug/août 2002 (21.08.2002)

(25) sv (26) en

(30) 0102788-7 22 Aug/août 2001 SE (22.08.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PRODUCING A CONTAINER PROVIDED WITH A SCREW CAP ASSEMBLY

• PROCEDE DE FABRICATION D'UN RECIPIENT COMPORTANT UN ASSEMBLAGE DE GOULOT A VIS

(71) ECO LEAN RESEARCH & DEVELOPMENT A/S [DK/DK]; Holbergsgade 14, DK-1057 Copenhagen K (DK).

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(72, 75) ROSÉN, Åke [SE/SE]; Langövägen 23, S-257 30 Rydebäck (SE).

(74) AWAPATENT AB; Box 5117, S-200 71 Malmö (SE).

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

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

Published / Publiée : (b)

Declarations / Déclarations :

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

(u) for / pour US only / seulement

(51)⁷ B29C 49/50, 33/44

(11) WO 03/041943 (13) A1

(21) PCT/US02/26735

(22) 22 Aug/août 2002 (22.08.2002)

(25) en (26) en

(30) 09/993,214 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS FOR SEPARATING MOLDED ARTICLES

• PROCEDE ET APPAREIL POUR SEPARER DES PRODUITS MOULES

(71) RUBBERMAID INCORPORATED [US/US]; 1147 Akron Road, Wooster, OH 44691 (US).

(72) SKOV, Erik, L.; 629 Crestview Avenue, Akron, OH 44320 (US). FLOYD, Gregory, S.; 3066 Crater Road, Wooster, OH 44691 (US).

(74) LEMPIA, Bryan, J.; Marshall, Gerstein & Borun, 233 S. Wacker Drive, Suite 6300, Sears Tower, Chicago, IL 60606-6357 (US).

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

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

(51)⁷ B29C 51/08, A61C 7/08, A63B 71/08

(11) WO 03/041944 (13) A1

(21) PCT/JP02/11750

(22) 11 Nov/nov 2002 (11.11.2002)

(25) ja (26) ja

(30) 2001-351676 16 Nov/nov 2001 JP (16.11.2001)

(30) 2002-298467 11 Oct/oct 2002 JP (11.10.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DEVICE AND METHOD FOR FORMING MOUTH GUARD
• DISPOSITIF ET PROCEDE POUR FORMER UN PROTEGE-DENTS

(71, 72) UENO, Masato [JP/JP]; 4-6, Kougokita 3-chome, Nishi-ku, Hiroshima-shi, Hiroshima 733-0821 (JP).

(81) CN JP KR US.

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

(51)⁷ B29C 63/02, 51/16, 44/12

(11) WO 03/041945 (13) A1

(21) PCT/AU02/01560

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 515401 12 Nov/nov 2001 NZ (12.11.2001)

(30) 516200 14 Dec/déc 2001 NZ (14.12.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • THERMOPLASTIC SHEATING OF ARTICLES AND MOULDING PROCESS
• REVETEMENT THERMOPLASTIQUE D'ARTICLES ET PROCEDE DE MOULAGE

(71) MANUFACTURING EVOLUTIONS (NZ) LIMITED [NZ/NZ]; Unit 8/10 The Promenade, Takapuna, Auckland 1332 (NZ). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PITTS, Ian, Trebwith [AU/AU]; RMB 5120 Wattle Tree Road, Holgate, NSW 2250 (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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B29C 65/00

(11) WO 03/041946 (13) A2

(21) PCT/GB02/05164

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) MO2001A0000219 15 Nov/nov 2001 IT (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • APPARATUS AND METHOD
• APPAREIL ET PROCEDE

(71) ELOPAK SYSTEMS AG [CH/CH]; Postfach, Cherstrasse 4, CH-8152 Glatthbrugg (CH). (for all designated States except / pour tous les États désignés sauf US)

(71) BURROWS, Anthony, Gregory [GB/GB]; Business Centre West, Avenue One, Business Park, Letchworth Garden City, Hertfordshire SG6 2HB (GB). (only for / seulement pour GD)

(72, 75) FREDDI, Antonia [IT/IT]; Via D. Pasquino Borghi, 20, I-42046 Reggiolo (IT). BIANCHINI, Alessandro [IT/IT]; Via dei Traeri, 54, I-41010 Cognento (IT).

(74) BURROWS, Anthony, Gregory; Business Centre West, Avenue One, Business Park, Letchworth Garden City, Hertfordshire SG6 2HB (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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B29C 70/48

(11) WO 03/041947 (13) A1

(21) PCT/GB02/04978

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 0127154.3 13 Nov/nov 2001 GB (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A MOULD TOOL AND METHOD FOR RESIN TRANSFER MOULDING
• MOULE ET PROCEDE DE MOULAGE PAR TRANSFERT DE RESINE

(71) BAE SYSTEMS PLC [GB/GB]; 6 Carlton Gardens, London SW1Y 5AD (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ACKLAM, Philip, James [GB/GB]; BAE Systems plc, Samlesbury, Balderstone, Lancashire BB2 7LF (GB). AINSWORTH, Paul [GB/GB]; Bae Systems plc, Samlesbury, Balderstone, Lancashire BB2 7LF (GB). CARR, Craig, David [GB/GB]; Bae Systems plc, Samlesbury, Balderstone, Lancashire BB2 7LF (GB).

(74) BAE SYSTEMS PLC; Group IP Department, P.O. Box 87, Lancaster House, Farnborough Aerospace Centre, Farnborough, Hampshire GU14 6YU (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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B29C 70/54, B29B 11/16, D04H 13/00, 3/10

(11) WO 03/041948 (13) A1

(21) PCT/EP02/12311

(22) 5 Nov/nov 2002 (05.11.2002)

(25) de (26) de

(30) 101 56 875.4 14 Nov/nov 2001 DE (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • THREE-DIMENSIONAL REINFORCING STRUCTURE FOR FIBER-PLASTIC COMPOSITE MATERIALS AND METHOD FOR THE PRODUCTION THEREOF FROM A FLAT STRUCTURE
• STRUCTURE DE RENFORT TRIDIMENSIONNELLE POUR DES MATERIAUX COMPOSITES FIBRES-PLASTIQUES ET PROCEDE POUR LEUR PRODUCTION A PARTIR D'UNE STRUCTURE PLANE

(71) INSTITUT FÜR VERBUNDWERKSTOFFE GMBH [DE/DE]; Erwin-Schrödinger-Strasse, Gebäude 58, 67663 Kaiserslautern (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEIMER, Christian [DE/DE]; Hauptstrasse 52, 67715 Geiselberg (DE). WÖGINGER, Andreas [DE/DE]; Alte Frankfurter Strasse 52154, 68305 Mannheim (DE).

(74) KLEIN, Friedrich; Auf der Pirsch 11, 67663 Kaiserslautern (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 VC VN YU ZA ZW.

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

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(51)⁷ B29C 73/02

(11) WO 03/041949 (13) A1

(21) PCT/DK02/00763

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) PA 2001 01700 15 Nov/nov 2001 DK (15.11.2001)

(30) PA 2001 01908 18 Dec/déc 2001 DK (18.12.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A DEVICE FOR SEALING AND INFLATING AN INFLATABLE OBJECT
• DISPOSITIF POUR FERMER HERMETIQUEMENT ET GONFLER UN OBJET GONFLABLE

(71) ACTIVE TOOLS A/S [DK/DK]; Møllerupvej 24, DK-8410 Ronde (DK).
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(72, 75) ERIKSEN, Mandstfelt, Steen [DK/DK]; Larsensvej 10, DK-3230 Græsted (DK).
LÆTGAARD, Thomas [DK/DK]; Banevænget 2B, DK-8700 Horsens (DK).
GAMBORG, Stig [DK/DK]; Rohdenvej 4, Rohden, DK-Stouby 7140 (DK).

(74) HOLME PATENT A/S; Vesterbrogade 20, DK-1620 Copenhagen V (DK).

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

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

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

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

(51)⁷ B31B

(11) WO 03/041950 (13) A2

(21) PCT/IL02/00899

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) 146478 13 Nov/nov 2001 IL (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • TRANSPARENT ENVELOPE
• ENVELOPPE TRANSPARENTE

(71) DEAD SEA MEDICA CO LTD [GB/GB]; Companies House, New Bond Street, Cardiff W1S1RR, South Wales (GB).
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(72, 75) RONEN, Raziell [IL/IL]; 17 Levy Eshkol Street, Apt. 18, 69361 Tel-Aviv (IL).

(74) LUZZATTO, Kfir et al. / etc.; P.O. Box 5352, 84152 Beer-Sheva (IL).

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

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

(51)⁷ B32B 5/12, 5/26

(11) WO 03/041951 (13) A1

(21) PCT/US02/36303

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/337,732 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • LAMINATE SYSTEM FOR A DURABLE CONTROLLED MODULUS FLEXIBLE MEMBRANE
• SYSTEME STRATIFIE POUR MEMBRANE FLEXIBLE DURABLE A MODULE REGULE

(71) WARWICK MILLS, INC. [US/US]; 301 Turnpike Road, PO Box 409, New Ipswich, NH 03071 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOWLAND, Charles, A [US/US]; 6 Woodcock Run, Temple, NH 03084 (US).

(74) MAINE, Vernon, C. et al. / etc.; Maine & Asmus, PO Box 3445, Nashua, NH 03061-3445 (US).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B32B 5/14, F24F 3/14, B01D 47/16

(11) WO 03/041952 (13) A1

(21) PCT/US02/36312

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 10/007,976 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CONTACT MEDIA FOR EVAPORATIVE COOLER
• SUPPORT DE CONTACT POUR REFROIDISSEUR EVAPORATIF

(71, 72) YAEGER, Ronald, J. [US/US]; 4201 Tombera Way, Dallas, TX 75220 (US).

(72) HARTMAN, Galen, W.; 105 Janice Circle, Kemp, TX 75143 (US).

(74) HUBBARD, Jeffrey, T. et al. / etc.; Kelly & Hubbard, 2401 Turtle Creek Boulevard, Dallas, TX 75219-4760 (US).

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

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

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(51)⁷ B32B 5/18, 7/06, 33/00, C09J 7/02, F16L 59/02

(11) WO 03/041953 (13) A1

(21) PCT/FR01/03806

(22) 30 Nov/nov 2001 (30.11.2001)

(25) fr (26) fr

- (30) 01/12930 **8 Oct/oct 2001** FR
(08.10.2001) PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROTECTION AND/OR INSULATION ELEMENT
• ELEMENT DE PROTECTION ET/OU D'ISOLATION
- (71) TAPE INDUSTRIES [FR/FR]; Rue des Fusillés, F-59160 Capinghem (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUDREAU, Philippe [FR/FR]; 6, avenue de Flandre, F-59700 Marcq en Baroeul (FR).
- (74) HENNION, Jean-Claude; Cabinet Beau de Loménie, 27 bis, rue du Vieux Faubourg, F-59800 Lille (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 MN MW MX MZ NO NZ 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 B32B 5/26, 27/02, 27/04, 27/12, D04H 1/46, 1/56
- (11) WO 03/041954 (13) A1
- (21) PCT/US02/34424
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 60/345,896 **29 Oct/oct 2001** US
(29.10.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROTECTIVE LAYER FOR AUTOMOTIVE SURFACES
• COUCHES PROTECTRICES POUR SURFACES D'AUTOMOBILES
- (71) POLYMER GROUP, INC. [US/US]; 4838 Jenkins Avenue, North Charleston, SC 29406 (US).
- (72) STEWART, Eric; 20419 N. Sterling Bay Lane West, Cornelius, NC 28031 (US). CARTER, Nick, Mark; 132 Dannyn Grove Court, Mooresville, NC 28031 (US).
- (74) GEIMER, Stephen, D.; Wood, Phillips, Katz, Clark & Mortimer, Citicorp Center, Suite 3800, 500 West Madison Street, Chicago, IL 60661-2511 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B32B 15/08, 15/20, 7/06, H05K 3/02
- (11) WO 03/041956 (13) A1
- (21) PCT/AT02/00292
- (22) 10 Oct/oct 2002 (10.10.2002)
- (25) de (26) de
- (30) A 1797/2001 **14 Nov/nov 2001** AT
(14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SEPARATING PLATE-COMPOSITE COMPONENT FOR PRODUCING PRINTED CIRCUIT BOARD COMPONENTS AND METHOD FOR PRODUCING A COMPOSITE COMPONENT OF THIS TYPE
• COMPOSANT COMPOSITE A CARTE DE SEPARATION POUR PRODUIRE DES COMPOSANTS DE CARTES DE CIRCUIT ET PROCEDE POUR PRODUIRE UN COMPOSANT DE CE TYPE
- (71) C2C TECHNOLOGIE FÜR LEITERPLATTEN GMBH [AT/AT]; Fabrikergasse 13, A-8700 Leoben-Hinterberg (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TOMASCHITZ, Klaus [AT/AT]; Hallstattstrasse 28, A-8700 Leoben (AT).
- (74) SONN, Helmut et al. / etc.; Riemergasse 14, A-1010 (AT).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ B32B 27/30, B65D 1/00, 85/38, 65/02
- (11) WO 03/041957 (13) A1
- (21) PCT/JP02/11946
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) ja (26) ja
- (30) 2001-351192 **16 Nov/nov 2001** JP
(16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SHEET
• FEUILLE
- (71) DENKI KAGAKU KOGYO KABUSHIKI KAISHA [JP/JP]; 4-1, Yuraku-cho 1-chome, Chiyoda-ku, Tokyo 100-8455 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MIYAKAWA, Takeshi [JP/JP]; c/o Denki Kagaku Kogyo Kabushiki Kaisha, Polymer Processing Technology R & D Center, 245, Nishigawara, Naganuma-cho, Isezaki-shi, Gunma 372-0855 (JP). ODA, Minoru [JP/JP]; c/o Denki Kagaku Kogyo Kabushiki Kaisha, Polymer Processing Technology R & D Center, 245, Nishigawara, Naganuma-cho, Isezaki-shi, Gunma 372-0855 (JP). HIURA, Masafumi [JP/JP]; c/o Denki Kagaku Kogyo Kabushiki Kaisha, Polymer Processing Technology R & D Center, 245, Nishigawara, Naganuma-cho, Isezaki-shi, Gunma 372-0855 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

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

(51)⁷ B32B 31/00

(11) WO 03/041958 (13) A1

(21) PCT/CN02/00787

(22) 5 Nov/nov 2002 (05.11.2002)

(25) zh (26) zh

(30) 01135062.8 16 Nov/nov 2001 CN
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PROCESS OF ADHERING TITANIUM
METAL LAYER TO SUBSTRATE SUR-
FACE

• PROCEDE D'ADHESION D'UNE
COUCHE DE METAL DE TITANE
A UNE SURFACE DE SUBSTRAT

(71, 72) SUN, Hueihsin [CN/CN]; No. 5-1, A-
ley 22, Lane 160, Tahu Street, Neihu Dis-
trict, Taipei, Taiwan (CN). CHEN, Ching-
ping [CN/CN]; 5F, No. 57, Sec. 3, Min-
Sheng East Road, Taipei, Taiwan (CN).

(74) KANGXIN & PARTNERS; Suite 2313,
Xinlong Mansion, A33 Erlonglu, 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 DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG US
UZ VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ B32B 31/04 // 7/06, 27/00, G09F 7/12

(11) WO 03/041959 (13) A1

(21) PCT/FR02/03787

(22) 5 Nov/nov 2002 (05.11.2002)

(25) fr (26) fr

(30) 01 14333 6 Nov/nov 2001 FR
(06.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND DEVICE FOR MAK-
ING A SELF-ADHESIVE DISPLAY
FILM COMPRISING AT LEAST AN
ELECTRICALLY CHARGED DIELEC-
TRIC LAYER

• PROCEDE ET DISPOSITIF DE FA-
BRICATION D'UN FILM D'AFFI-
CHAGE AUTO-ADHESIF COMPRE-
NANT AU MOINS UNE COUCHE
DIELECTRIQUE CHARGEE ELECTRI-
QUEMENT

(71) J.L.J. SARL [FR/FR]; 222, boulevard Péreire,
F-75017 Paris (FR).

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

(72, 75) LEWINER, Jacques [FR/FR]; 7, av-
enue de Suresnes, F-92210 Saint-Cloud (FR).

MARTINI, Jean-Lionel, Georges [FR/FR];
Alata, F-20167 Mezzavia (FR).

(74) LEWINER, Jacques; 7, avenue de Suresnes,
F-92210 Saint-Cloud (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 TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

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

Published / Publiée : (n)

Declarations / Déclarations :

(r) for all designations / pour toutes les
désignations

(s) for all designations / pour toutes les
désignations

(t) for all designations / pour toutes les
désignations

(u) for / pour US only / seulement

(v) for all designations / pour toutes les
désignations

(51)⁷ B41B 1/00, G06F 15/00, G06K 1/00, B42B
9/00, B42C 13/00, G03G 15/00

(11) WO 03/041960 (13) A1

(21) PCT/US02/36241

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 10/010,573 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PRINTABLE SUBSTRATE HAVING
CONTROLLABLE THICKNESS AND
METHOD OF MAKING AND USING
THE SAME

• SUBSTRAT IMPRIMABLE PRESEN-
TANT UNE EPAISSEUR REGULABLE,
ET SON PROCEDE DE PRODUCTION
ET D'UTILISATION

(71) TECHNOLOGY INNOVATIONS, LLC
[US/US]; 150 Lucius Gordon Drive, Suite
215, West Henrietta, NY 14586 (US).

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

(72, 75) SULLIVAN, William, A. [US/US];
1899 Clark Road, Penfield, NY 14625 (US).
WEINER, Michael, L. [US/US]; 693 Sum-
mit Drive, Webster, NY 14580 (US).

(74) BASCH, Duane, C. et al. / etc.; Greenwald
& Basch LLP, Suite 2490, 349 West Commer-
cial Street, East Rochester, NY 14445 (US).

(81) 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 BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL

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

Published / Publiée : (c)

(51)⁷ B41C 1/00, B41N 3/00

(11) WO 03/041961 (13) A1

(21) PCT/EP02/12897

(22) 16 Nov/nov 2002 (16.11.2002)

(25) de (26) de

(30) 101 57 096.1 17 Nov/nov 2001 DE
(17.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PRODUCING
ROTOGRAVURE FORMS, RO-
TOGRAVURE FORMS AND THE USE
THEREOF

• PROCEDE DE REALISATION DE
MOULES DE ROTOGRAVURE,
MOULES DE ROTOGRAVURE ET
LEUR UTILISATION

(71, 72) LORCH, Erhard [DE/DE]; Waldesruh
28, 71543 Wüstenrot (DE).

(72, 75) LORCH, Sheila [DE/DE]; Waldesruh
28, 71543 Wüstenrot (DE).

(74) VOTH, Gerhard; Wernerstrasse 37, 71636
Ludwigsburg (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 TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ B41C 1/10, G03F 7/031, 7/11, 7/30, 7/32,
7/038

(11) WO 03/041962 (13) A1

(21) PCT/US02/35852

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 10/040,241 9 Nov/nov 2001 US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • HIGH SPEED NEGATIVE WORKING
THERMAL PRINTING PLATES

• PLAQUES D'IMPRESSION THER-
MIQUE AVEC COPIE AU NEGATIF
HAUTE VITESSE

(71) KODAK POLYCHROME GRAPHICS,
L.L.C. [US/US]; 401 Merritt 7, Norwalk, CT
06851 (US).

(72) MUNNELLY, Heidi; 154 Crabapple Drive,
Windsor, CO 80550 (US). WEST, Paul; 1437
Regency Court, Fort Collins, CO 80526 (US).

(74) GREELEY, Paul, D.; Ohlandt, Greeley,
Ruggiero & Perle, L.L.P., One Landmark
Square, 10th Floor, Stamford, CT 06901
(US).

(81) BR CA CN JP.

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

- (51)⁷ B41J 2/175
(11) WO 03/041963 (13) A1
(21) PCT/JP02/11649
(22) 8 Nov/nov 2002 (08.11.2002)
(25) ja (26) ja
(30) 2001-345828 12 Nov/nov 2001 JP
(12.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • INK CARTRIDGE
• CARTOUCHE D'ENCRE
(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) ARUGA, Yoshiharu [JP/JP]; c/o Seiko
Epson Corporation, 3-5, Owa 3-chome,
Suwa-shi, Nagano 392-0004 (JP).
(74) KIMURA, Katsuhiko et al. / etc.; Nishiki
Patent Office, 3F 11-Sankyo Bldg., 1-2,
Koishikawa 2-chome, Bunkyo-ku, Tokyo
112-0002 (JP).
(81) CA CN JP KR SG US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)⁷ B41J 2/175
(11) WO 03/041964 (13) A1
(21) PCT/JP02/11763
(22) 12 Nov/nov 2002 (12.11.2002)
(25) ja (26) ja
(30) 2001-345827 12 Nov/nov 2001 JP
(12.11.2001)
(30) 2002-82376 25 Mar/mar 2002 JP
(25.03.2002)
(30) 2002-252173 29 Aug/août 2002 JP
(29.08.2002)
(30) 2002-252176 29 Aug/août 2002 JP
(29.08.2002)
(30) 2002-255171 30 Aug/août 2002 JP
(30.08.2002)
(30) 2002-302256 16 Oct/oct 2002 JP
(16.10.2002)
(43) 22 May/mai 2003 (22.05.2003)
(54) • LIQUID INJECTOR
• INJECTEUR DE LIQUIDE
(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) ARUGA, Yoshiharu [JP/JP]; c/o
SEIKO EPSON CORPORATION, 3-5, Owa
3-chome, Suwa-shi, Nagano 392-8502 (JP).
KUMAGAI, Toshio [JP/JP]; c/o SEIKO EP-
SON CORPORATION, 3-5, Owa 3-chome,
Suwa-shi, Nagano 392-8502 (JP). MAT-
SUMOTO, Hitoshi [JP/JP]; c/o SEIKO EP-
SON CORPORATION, 3-5, Owa 3-chome,
Suwa-shi, Nagano 392-8502 (JP).
(74) ONDA, Hironori; 12-1, Ohmiya-cho
2-chome, Gifu-shi, Gifu 500-8731 (JP).
(81) CN JP US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)⁷ B41J 17/36, 35/36, G01P 3/488
(11) WO 03/041965 (13) A1
(21) PCT/JP02/11267
(22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 2001-351457 16 Nov/nov 2001 JP
(16.11.2001)
(30) 2001-396422 27 Dec/déc 2001 JP
(27.12.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • PRINTER
• IMPRIMANTE
(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(72) TERASAKI, Kimitoshi; 2-21-5, Keyakidai,
Kiyamamachi, Miyaki-gun, Saga 841-0205
(JP). NAKASHIMA, Masahiro; 3-86-4, Hi-
ratadai, Kasuga-shi, Fukuoka 816-0812
(JP). KURIYAMA, Shuichi; 5-28-1,
Maimatsubara, Higashi-ku, Fukuoka-shi,
Fukuoka 813-0042 (JP). HIROTA, Tatsuya;
2-114-501, Nakabaru, Nakagawamachi,
Chikushi-gun, Fukuoka 811-1213 (JP). KAT-
SUMATA, Yoshikazu; 2-11-212, Takamiya,
Minami-ku, Fukuoka-shi, Fukuoka 815-0083
(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) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH 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 TN TR TT TZ
UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
Published / Publiée : (c)

- (51)⁷ B41N 3/00
(11) WO 03/041966 (13) A1
(21) PCT/US02/35801
(22) 7 Nov/nov 2002 (07.11.2002)
(25) en (26) en
(30) 10/037,122 9 Nov/nov 2001 US
(09.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • LITHOGRAPHIC PRINTING PLATE
CONDITIONER AND METHOD FOR
LITHOGRAPHIC PRINTING
• CONDITIONNEUR DE PLAQUE D'IM-
PRESSION LITHOGRAPHIQUE ET
PROCEDE D'IMPRESSION LITHO-
GRAPHIQUE
(63) US 10/037,122 (CON)
9 Nov/nov 2001 (09.11.2001)
(71) FLINT INK CORPORATION [US/US];
4600 Arrowhead Drive, Ann Arbor, MI
48105-2773 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

- (72, 75) OBERSKI, Michael, V. [US/US]; 545
Dupont, Ypsilanti, MI 48197 (US). KING-
MAN, Kevin, P. [US/US]; 25152 Mohagany
Drive, Brownstown, MI 48134 (US).
(74) BUDDE, Anna, M. et al. / etc.; Harness,
Dickey & Pierce, P.L.C., P.O. Box 828,
Bloomfield Hills, MI 48303 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM
ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

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

- (51)⁷ B42D 1/00, 1/06
(11) WO 03/041967 (13) A1
(21) PCT/JP02/11801
(22) 12 Nov/nov 2002 (12.11.2002)
(25) ja (26) ja
(30) 2001-345967 12 Nov/nov 2001 JP
(12.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • BOARD BOOK
• LIVRE À PLANCHES
(71) DAI NIPPON PRINTING CO., LTD.
[JP/JP]; 1-1, Ichigaya-kaga-cho 1-chome,
Shinjuku-ku, Tokyo 162-8001 (JP). YUPO
CORPORATION [JP/JP]; 3, Kandasuruga-
gadai 4-chome, Chiyoda-ku, Tokyo 101-0062
(JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) TAKAHASHI, Hideo [JP/JP]; c/o
Dai Nippon Printing Co., Ltd., 1-1, Ichig-
aya-kaga-cho 1-chome, Shinjuku-ku, Tokyo
162-8001 (JP). SUZUKI, Ryoma [JP/JP];
c/o Yupo Corporation, 3, Kandasurugadai
4-chome, Chiyoda-ku, Tokyo 101-0062 (JP).
INAZAKI, Setsuzou [JP/JP]; c/o Yupo
Corporation, 3, Kandasurugadai 4-chome,
Chiyoda-ku, Tokyo 101-0062 (JP).
(74) YOSHITAKE, Kenji et al. / etc.; Kyowa
Patent & Law Office, Room 323, Fuji Bldg.,
2-3, 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 JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

(51)⁷ B42D 1/04, 13/00

(11) WO 03/041968 (13) A1

(21) PCT/JP02/02942

(22) 27 Mar/mar 2002 (27.03.2002)

(25) ja (26) ja

(30) 2001-351481 16 Nov/nov 2001 JP
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PERFECT SADDLE STITCHED BOOK-
LET

- BROCHURE PIQUEE A CHEVAL SANS
COUTURE

(71, 72) SUGITA, Yoshiharu [JP/JP]; Flats
Sadohara 303, 18, Ichigayasadohara-cho
3-chome, Shinjuku-ku, Tokyo 162-0842 (JP).

(74) NAKAMURA, Masami; Kojima Building.,
1-3, Higashimukojima 6-chome, Sumida-ku,
Tokyo 131-0032 (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 B42D 15/00

(11) WO 03/041969 (13) A1

(21) PCT/GB02/05052

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 0127094.1 10 Nov/nov 2001 GB
(10.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • IMPROVEMENTS IN AND RELATING
TO FOLDABLE SHEET MATERIAL

- AMELIORATIONS RELATIVES A DU
MATERIAU FEUILLE REPLIABLE

(71, 72) MCDONALD, George, Wallace
[GB/—]; Mon Cachet, Rue de la Cache,
Castel, Guernsey, Channel Islands (GB).

(74) NEILL, Alastair, William et al. / etc.; Ap-
pleyard Lees, 15 Clare Road, Halifax HX1
2HY (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 TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B42F 21/12

(11) WO 03/041970 (13) A1

(21) PCT/CH01/00670

(22) 15 Nov/nov 2001 (15.11.2001)

(25) de (26) de

(43) 22 May/mai 2003 (22.05.2003)

(54) • INDEX CUTTER

- COUPEUSE POUR INDEX

(71) OCHSNER + CO. BUCH-
BINDEREIMASCHINEN [CH/CH]; St.
Gallerstrasse 23, CH-8716 Schmerikon (CH).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) OCHSNER, August [CH/CH]; Im Sec-
blick, CH-8716 Schmerikon (CH).

(74) IRNIGER, Ernst; Troesch Scheidegger
Werner AG, Schwänthenmos 14, CH-8126
Zumikon (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 ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ B43K 1/08

(11) WO 03/041971 (13) A1

(21) PCT/JP02/11926

(22) 15 Nov/nov 2002 (15.11.2002)

(25) ja (26) ja

(30) 2001-352427 16 Nov/nov 2001 JP
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • BALL FOR BALL-POINT PEN

- BILLE POUR STYLO A BILLE

(71) SAKURA COLOR PRODUCTS CORPO-
RATION [JP/JP]; 6-20, Morinomiya Chuo 1
chome, Chuo ku, Osaka shi, Osaka 540-8508
(JP).

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

(72, 75) NAKATANI, Yasunori [JP/JP]; c/o
Sakura Color Products Corporation, 6-20,
Morinomiya Chuo 1 chome, Chuoku, Osaka
shi, Osaka 5408508 (JP).

(74) MIYAZAKI, Tadaaki; Miyazaki Interna-
tional Patent and Trademark Office, Facade
Esaka Building, 23-43, Esaka cho 1 chome,
Suita shi, Osaka 564-0063 (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
SC SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ B43K 7/00

(11) WO 03/041972 (13) A1

(21) PCT/US02/36158

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 09/993,994 14 Nov/nov 2001 US
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • WRITING INSTRUMENT WITH BI-
ASED ROTATABLE ASSEMBLY

- INSTRUMENT A ECRIRE A DISPOSI-
TIF TOURNANT RAPPELE

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

(72) DOWST, William, P.; 185 Poorfarm Road,
Weare, NH 03281 (US). PESIKOV, Vi-
taly; 23 Fencourt Road, Canton, MA 02021
(US). SZCZEPANOWSKI, Andrew; 7
Whiting Avenue, Walpole, MA 02081 (US).
SALEMME, James, L.; 10 Governor
Hutchinson Road, Billerica, MA 01821 (US).
ANDREWS, Neville, E.; 954 Campbell
Drive, Naperville, IL 60563 (US).

(74) CRAANE, Paul, C. et al. / etc.; Marshall,
Gerstein & Borun, Suite 6300, 233 S. Wacker
Drive, Sears Tower, Chicago, IL 60606-6357
(US).

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

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

Published / Publiée : (c)

(51)⁷ B44C 1/14, A44C 27/00

(11) WO 03/041973 (13) A1

(21) PCT/IT02/00715

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) FI2001A000215 12 Nov/nov 2001 IT
(12.11.2001)

(30) 02425213.2 9 Apr/avr 2002 EP
(09.04.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PROCESS FOR THE PRODUCTION OF ARTEFACTS INCORPORATING LAMINAR ELEMENTS OF PRECIOUS METAL

• PROCEDE DE PRODUCTION D'ARTICLES INCORPORANT DES ELEMENTS STRATIFIES EN METAL PRECIEUX

(71) GRUPPO ITALIANO PRODUZIONE ORAFA G.I.P.O. S.R.L. [IT/IT]; Via Parco Borrelli n.6, I-80059 Torre del Greco (NA) (IT).

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

(72, 75) BIANCO, Salvatore [IT/IT]; Via XXV Aprile, 21, I-52100 Arezzo (IT).

(74) CASTIGLIA, Paolo et al. / etc.; Porta, Checchacci & Associati S.p.A., Viale Sabotino, 19/2, I-20135 Milano (IT).

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

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

Published / Publiée : (c)

(51)⁷ B60C 23/04

(11) WO 03/041974 (13) A1

(21) PCT/GB02/05106

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 0127137.8 12 Nov/nov 2001 GB (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SELF-CONTAINED RADIO APPARATUS FOR TRANSMISSION OF DATA

• APPAREIL RADIOELECTRIQUE AUTONOME DE TRANSMISSION DE DONNEES

(71) TRANSENSE TECHNOLOGIES PLC [GB/GB]; 66 Heyford Park, Upper Heyford, Bicester, Oxfordshire OX25 5HD (GB).

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

(72, 75) BECKLEY, John, Peter [GB/GB]; 29 Dodgson Road, Cowley, Oxford OX4 3QS (GB). KALININ, Victor, Alexandrovich [GB/GB]; 27 Derwent Avenue, Headington, Oxford OX3 0AR (GB). O'BRIEN, George, P. [US/US]; 142 Wren School Road, Piedmont, SC 29673 (US). METCALF, Arthur, R. [US/US]; 620 Halton Road, Suite 14208, Greenville, SC 29607 (US).

(74) GOODENOUGH, Nigel et al. / etc.; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ B60G 11/22, F16F 1/40

(11) WO 03/041975 (13) A1

(21) PCT/SE02/01555

(22) 30 Aug/août 2002 (30.08.2002)

(25) sv (26) en

(30) 0103062-6 14 Sep/sep 2001 SE (14.09.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FLEXIBLE ELEMENT

• ELEMENT FLEXIBLE

(71) VOLVO ARTICULATED HAULERS AB [SE/SE]; Västra Esplanaden 9A, S-351 83 Växjö (SE).

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

(72, 75) HJERTH, Kjell-Owe [SE/SE]; Tallvägen 6, S-360 42 Braås (SE). STIGSSON, Håkan [SE/SE]; Spjällsjödalen, S-340 30 Vislanda (SE).

(74) FRÖHLING, Werner; Volvo Technological Development Corporation, Corporate Patents, CTP, 06820, Sven Hultins Gata 9C, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B60H 1/00

(11) WO 03/041976 (13) A1

(21) PCT/EP02/11598

(22) 17 Oct/oct 2002 (17.10.2002)

(25) de (26) de

(30) 101 55 410.9 10 Nov/nov 2001 DE (10.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR CONTROLLING AN AIR CONDITIONING UNIT FOR AN AUTOMOBILE

• PROCEDE DE COMMANDE D'UNE CLIMATISATION AUTOMOBILE

(71) PREH-WERKE GMBH & CO. KG [DE/DE]; An der Stadthalle, 97616 Bad Neustadt/Saale (DE).

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

(72, 75) GUTBROD, Thomas [DE/DE]; Rederstrasse 15, 97616 Bad Neustadt (DE).

NÖTH, Thomas [DE/DE]; Brahmstrasse 5, 97616 Bad Neustadt (DE).

(74) DIETRICH, Barbara; Rheinmetall Aktiengesellschaft, Zentrale Patentabteilung, Rheinmetall Allee 1, 40476 Düsseldorf (DE).

(81) CN JP KR US.

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

(51)⁷ B60J 1/02, 1/20, G01J 5/02, B60S 1/08, B60R 1/12

(11) WO 03/041977 (13) A2

(21) PCT/EP02/12621

(22) 7 Nov/nov 2002 (07.11.2002)

(25) fr (26) fr

(30) 2001/0727 9 Nov/nov 2001 BE (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FIXING SENSORS ON MOTOR VEHICLE GLAZING

• FIXATION DE CAPTEURS SUR VITRAGES AUTOMOBILES

(71) GLAVERBEL [BE/BE]; 166, chaussée de la Hulpe, B-1170 Bruxelles (BE).

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

(72, 75) DALGIC, Ali-Ishan [BE/BE]; Glaverbel - Centre R & D, 2, rue de l'Aurore, B-6040 Jumet (BE).

(74) LA VAGUERESE, Sylvain; Glaverbel, Centre R & D, Dépt. Propriété Intellectuelle, 166, chaussée de la Hulpe, B-1170 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B60J 5/04

(11) WO 03/041978 (13) A1

(21) PCT/EP02/09158

(22) 16 Aug/août 2002 (16.08.2002)

(25) de (26) de

(30) 101 55 403.6 10 Nov/nov 2001 DE (10.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • BLANK, CHASSIS COMPONENT AND METHOD FOR PRODUCTION OF SAID CHASSIS COMPONENT

• FLAN, PIECE DE CARROSSERIE ET PROCEDE DE PRODUCTION D'UNE TELLE PIECE DE CARROSSERIE

(71) THYSSENKRUPP STAHL AG [DE/DE]; Kaiser-Wilhelm-Strasse 100, 47161 Duisburg (DE).

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

(72, 75) PATBERG, Lothar [DE/DE]; Auf der Hörn 52, 52074 Aachen (DE).

(74) COHAUSZ & FLORACK (24); Kanzlerstrasse 8a, 40472 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B60J 5/10, 5/12, B60R 5/04

(11) WO 03/041979 (13) A1

(21) PCT/HU01/00124

(22) 18 Dec/déc 2001 (18.12.2001)

(25) en (26) en

(30) U0100294 15 Nov/nov 2001 HU (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • STRUCTURE TO ENLARGE TRUNK FLOOR OF CARS

• STRUCTURE POUR AUGMENTER LE PLANCHER DU COFFRE A BAGAGES DE VEHICULES

(71, 72) PERJÉSI, Attila [HU/HU]; Szilágyi Erzsébet fasor 3., H-1024 Budapest (HU).

(74) VÁRNAI, Anikó; Interinno Patent Office, Margit krt. 73., 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 TN 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 B60J 7/00, H01L 31/048, B29C 44/12

(11) WO 03/041980 (13) A2

(21) PCT/EP02/11654

(22) 18 Oct/oct 2002 (18.10.2002)

(25) de (26) de

(30) 101 51 156.6 19 Oct/oct 2001 DE (19.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • GLASS COVER FOR A VEHICLE ROOF AND PRODUCTION METHOD THEREFOR

• PANNEAU EN VERRE POUR UN TOIT DE VEHICULE ET PROCEDE DE FABRICATION ASSOCIE

(71) WEBASTO VEHICLE SYSTEMS INTERNATIONAL GMBH [DE/DE]; Krailling Strasse 5, 82131 Stockdorf (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PAETZ, Werner [DE/DE]; Westend 16, 86928 Hofstetten (DE). VILSMAYER, Sven [DE/DE]; Gautinger Str. 23a, 82152 Krailling (DE).

(74) WIESE, Gerhard; Wiese & Konnerth, Georgenstr. 6, 82152 Planegg (DE).

(81) JP US.

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

(51)⁷ B60J 11/00

(11) WO 03/041981 (13) A1

(21) PCT/US02/35790

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 10/037,217 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • END CAP FOR ROLL TARP SYSTEM

• GARNITURE DE BOUT POUR SYSTEME DE BACHE EN ROULEAU

(71) AERO INDUSTRIES INC. [US/US]; 3010 W. Morris Street, Indianapolis, IN 46241 (US).

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

(72, 75) NOLAN, Robert, L. [US/US]; 15537 Seward Street, Omaha, NE 68154 (US). TUERK, James, R. [US/US]; 10862 Cedar Ridge Lane, Indianapolis, IN 46278 (US).

(74) BECK, Michael, D.; Maginot, Moore & Bowman, Bank One Center Tower, 111 Monument Circle, Suite 3000, Indianapolis, IN 46204 (US).

(81) AU CA US.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B60K

(11) WO 03/041982 (13) A2

(21) PCT/US02/36893

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 60/336,247 15 Nov/nov 2001 US (15.11.2001)

(30) 60/341,534 17 Dec/déc 2001 US (17.12.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • THIN INSTRUMENT CLUSTER

• GROUPE D'INSTRUMENTS DE FAIBLE EPAISSEUR

(71) SIEMENS VDO AUTOMOTIVE CORPORATION [US/US]; 2400 Executive Hills Drive, Auburn Hills, MA 48326 (US).

(72) ECKARDT, Werner; 1406 Ross Lane, Rochester, MI 48306 (US). BIRMAN, Vyacheslav; 2330 Pinehurst Ct., Sterling Heights, MI 48310 (US).

(74) SLENZAK, Laura; c/o Keller, Elsa, Siemens Corporation, 186 Wood Avenue South, Iselin, NJ 08830 (US) et al. / etc.

(81) DE.

(51)⁷ B60K 1/10, B62K 11/00

(11) WO 03/041983 (13) A1

(21) PCT/US02/30500

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/326,149 28 Sep/sep 2001 US (28.09.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ELECTRIC BICYCLES AND RETROFIT KITS

• BICYCLETES ELECTRIQUES ET COMPLEMENTES D'EQUIPEMENT

(71) ZVO, INC. [US/US]; 674 South Avenue 21, Los Angeles, CA 90031 (US).

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(72, 75) HAYS, Marcus [US/US]; 112 Llewellyn Street, Los Angeles, CA 90012 (US). MRAZEK, Bohimel [CZ/US]; 363 SW Tualatin Loop, West Linn, OR 97068 (US). CONCHA, Mark [US/US]; 672 South Avenue 21, Los Angeles, CA 90031 (US). RHOADS, Greg [US/US]; 18242 McDermott West, "J", Irvine, CA 92614 (US). HOLDER, Ron [US/US]; 18242 McDermott West, "J", Irvine, CA 92614 (US).

(74) OHRINER, Kenneth, H.; Perkins Coie LLP, Patent-LA, P.O. Box 1208, Seattle, WA 98111-1208 (US).

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

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

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(51)⁷ B60K 15/04, 15/03, B67D 5/04, 5/37, F16L 37/00

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(22) 4 Nov/nov 2002 (04.11.2002)

(25) en (26) en

(30) BS2001U000092 15 Nov/nov 2001 IT (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A DUAL FILLER FOR GAS SYSTEMS FOR AUTOMOTIVE ENGINES

• DISPOSITIF DE REMPLISSAGE DOUBLE POUR DES SYSTEMES A GAZ DE MOTEURS D'AUTOMOBILES

(71) EMER S.R.L. [IT/IT]; Via Roma 104/A, I-25060 Collebeato (IT).

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(72, 75) GOBBI, Francesco [IT/IT]; Via Roma 104/A, I-25060 Collebeato (IT).

- (74) SANGIACOMO, Fulvia; Biesse S.R.L., C.so Matteotti, 42, I-25122 Brescia (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B60K 15/073, 15/04

(11) WO 03/041985 (13) A1

(21) PCT/US02/13975

(22) 2 May/mai 2002 (02.05.2002)

(25) en (26) en

(30) 60/288,223 2 May/mai 2001 US (02.05.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FUEL TANKS AND FUEL TRANSPORT LINES

- RESERVOIR A COMBUSTIBLE ET LIGNES DE TRANSPORT DE COMBUSTIBLE

(71) DOW GLOBAL TECHNOLOGIES INC. [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).

(72) MCLEOD, David, G.; 4631 Deer Springs Court, Rochester, MI 48306 (US).

(74) DAMOCLES, Nemia, C.; 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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 17/30

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(21) PCT/FR02/03322

(22) 27 Sep/sep 2002 (27.09.2002)

(25) fr (26) fr

(30) 01/12871 5 Oct/oct 2001 FR (05.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DRIVE-STEER AXLE FOR MOTOR-DRIVEN VEHICLES

- ESSIEU MOTEUR-DIRECTEUR POUR VEHICULES MOTORISES

(71) GKN AUTOMOTIVE GMBH [DE/DE]; Hauptstrasse 150, 53797 Lohmar (DE).

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(72, 75) BROSSARD, Jean-Claude [FR/FR]; 27, rue des Bois, F-78250 Meulan (FR).

(74) JACOBSON, Claude et al. / etc.; Cabinet Lavoix, 2, place d'Estienne d'Orves, F-75441 Paris Cedex 09 (FR).

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

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

(51)⁷ B60K 31/00, F02D 41/04, F16H 61/02

(11) WO 03/041987 (13) A1

(21) PCT/SE02/01969

(22) 30 Oct/oct 2002 (30.10.2002)

(25) sv (26) en

(30) 0103630-0 31 Oct/oct 2001 SE (31.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CRUISE CONTROL FOR VEHICLE

- REGULATEUR DE VITESSE POUR VEHICULE

(71) VOLVO LASTVAGNAR AB [SE/SE]; S-405 08 Göteborg (SE).

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

(72, 75) HEDMAN, Anders [SE/SE]; Sillgatan 2, S-440 30 Marstrand (SE). STEÉN, Marcus [SE/SE]; Fotbollsvägen 31, S-424 33 Angered (SE).

(74) ALBIHNS STOCKHOLM AB; Box 5581, Linnégatan 2, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B60K 31/00, 41/04, F16H 61/02

(11) WO 03/041988 (13) A1

(21) PCT/SE02/01970

(22) 30 Oct/oct 2002 (30.10.2002)

(25) sv (26) en

(30) 0103629-2 31 Oct/oct 2001 SE (31.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MOTOR VEHICLE HAVING AN AUTOMATED TRANSMISSION

- VEHICULE A MOTEUR A TRANSMISSION AUTOMATIQUE

(71) VOLVO LASTVAGNAR AB [SE/SE]; S-405 08 Göteborg (SE).

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(72, 75) ERIKSSON, Anders [SE/SE]; Lövskogsgatan 14, S-413 20 Göteborg (SE). STEÉN, Marcus [SE/SE]; Fotbollsvägen 31, S-424 33 Angered (SE).

(74) ALBIHNS STOCKHOLM AB; Box 5581, Linnégatan 2, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ B60K 41/00

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(21) PCT/DE02/04093

(22) 4 Nov/nov 2002 (04.11.2002)

(25) de (26) de

(30) 101 55 433.8 12 Nov/nov 2001 DE (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • POWER TRAIN OF A MOTOR VEHICLE AND METHOD FOR CONTROLLING SAID POWER TRAIN

- CHAÎNE CINÉMATIQUE D'UN VEHICULE AUTOMOBILE ET PROCÉDÉ DE COMMANDE D'UNE CHAÎNE CINÉMATIQUE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) GRAF, Friedrich [DE/DE]; Brandlstr. 5, 93161 Sinzing (DE). GUTKNECHT-STÖHR, Florian [DE/DE]; Von-der-Tann-Str. 31, 93047 Regensburg (DE). PROBST, Gregor [DE/DE]; Hagrainer Str. 19, 84028 Landshut (DE). RAMPELTSHAMMER, Martin [DE/DE]; Leipartstr. 24, 81369 München (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) JP US.

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

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

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- (51)⁷ B60K 41/14
(11) WO 03/041990 (13) A1
(21) PCT/DE02/04143
(22) 7 Nov/nov 2002 (07.11.2002)
(25) de (26) de
(30) 101 55 372.2 10 Nov/nov 2001 DE (10.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • SYSTEM AND METHOD FOR THE SETTING OF AN ENGINE TORQUE AND A GEARBOX RATIO IN A VEHICLE WITH A CONTINUOUSLY VARIABLE GEARBOX
• SYSTEME ET PROCEDE POUR DETERMINER UN COUPLE MOTEUR ET UN RAPPORT DE TRANSMISSION DANS UN VEHICULE A BOITE DE VITESSES REGLABLE EN CONTINU
- (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) LUH, Joachim [DE/DE]; Eschenweg 2, 74321 Bietigheim-Bissingen (DE). PAEULGEN, Markus [DE/DE]; Richard-Hirschmann-Strasse 9, 73728 Esslingen a.N. (DE). SEIDEL, Frank [DE/DE]; Graspgraben 20, 70439 Stuttgart (DE). SENGER, Karl-Heinz [DE/US]; Hills Tech Drive 38000, 48331 Farmington Hills (US). RIES-MUELLER, Klaus [DE/DE]; Heinsheimer Str. 47, 74906 Bad Rappenau (DE).
- (81) JP KR US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
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- (51)⁷ B60L 15/32, 3/12
(11) WO 03/041991 (13) A1
(21) PCT/US02/33525
(22) 17 Oct/oct 2002 (17.10.2002)
(25) en (26) en
(30) 60/329,984 17 Oct/oct 2001 US (17.10.2001)
(30) 10/272,431 17 Oct/oct 2002 US (17.10.2002)
(43) 22 May/mai 2003 (22.05.2003)
(54) • SIGNAL ERROR DETECTION IN RAILROAD COMMUNICATION SYSTEM
• DETECTION DE SIGNAL D'ERREUR DANS UN SYSTEME DE COMMUNICATION FERROVIAIRE
- (71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) BRYANT, Robert, Francis; 350 Neptune Drive NE, Palm Bay, FL 32907 (US). TEETER, David, Carroll; 430 Green Turtle Cove, Satellite Beach, FL 32937 (US). FOY, Robert, James; 4169 Mockingbird Drive, Melbourne, FL 32934 (US). CAIN, J., B.; 200 Melbourne Avenue, Indialantic, FL 32903 (US). JONES, Adrian; 1900 Brittany Drive, Indialantic, FL 32903 (US). JOHNSON, Don, Keith; 3105 Abbott Avenue, NE, Palm Bay, FL 32905 (US). SANZONE, Frank; 316 Trinidad Drive, Satellite Beach, FL 32937 (US). DELARUELLE, Dale, Henry; 2609 South Putters Lane, Melbourne, FL 32901 (US).
- (74) HAYDEN, Scott et al. / etc.; General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ B60M 1/24, H01R 4/40
(11) WO 03/041992 (13) A1
(21) PCT/GB02/05068
(22) 11 Nov/nov 2002 (11.11.2002)
(25) en (26) en
(30) 0127112.1 12 Nov/nov 2001 GB (12.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • CONNECTOR FOR CATENARY WIRES
• CONNECTEUR POUR FILS DE CATENAIRE
- (71) CEMBRE LTD. [GB/GB]; Fairview Industrial Estate, Kingsbury Road, Curdworth, Sutton Coldfield, West Midlands B76 9EE (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BAREZZANI, Gualtiero [IT/IT]; Via Zanardelli, 130, I-25062 BS Concesio (IT).
- (74) WILSON GUNN SKERRETT; Charles House, 148/9 Great Charles Street, Birmingham B3 3HT (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 TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B60N 3/04, A47G 27/04
(11) WO 03/041993 (13) A1
(21) PCT/GB01/04988
(22) 12 Nov/nov 2001 (12.11.2001)
(25) en (26) en
(43) 22 May/mai 2003 (22.05.2003)
(54) • RUG, MAT & CAR MAT ANTI-CREEP
• ANTI-DERAPANTS POUR TAPIS, TAPIS-BROSSES ET TAPIS D'AUTO
- (71, 72) CAPOZZI, Anna [GB/GB]; P.O. Box 628, High Wycombe, Bucks HP13 5FJ (GB). MITCHELL, Reginald, Paul [GB/GB]; P.O. Box 628, High Wycombe, Bucks HP13 5FJ (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).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ B60N 3/04
(11) WO 03/041994 (13) A1
(21) PCT/KR02/02127
(22) 14 Nov/nov 2002 (14.11.2002)
(25) en (26) en
(30) 2001-0035241(U.M) 16 Nov/nov 2001 KR (16.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • CAR MATTRESS
• TAPIS DE SOL POUR VEHICULE
- (71, 72) KIM, Hyuk Jong [KR/KR]; 13-108, Garak Hanra Apt, 165, Garak-dong, Songpa-gu, Seoul, 138-160 (KR).
- (74) LEE, Hi Gwon; #303, Daedong Building, 1407-9, Deokjin-dong 1-ga, Deokjin-gu, Jeon Ju 561-811 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B60R
(11) WO 03/041995 (13) A2
(21) PCT/US02/35498
(22) 5 Nov/nov 2002 (05.11.2002)
(25) en (26) en
(30) 10/010,048 9 Nov/nov 2001 US (09.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • REAR TETHER RETRACTOR FOR AN INFLATABLE CUSHION
• RETRACTEUR D'ATTACHE ARRIERE POUR UN COUSSIN GONFLABLE
- (71) AUTOLIV ASP, INC. [US/US]; 3350 Airport Road, Ogden, UT 84405 (US).

(72) **DOMINISSINI, David**; 15116, White Allen Park, MI 48101 (US). **HISHON, Michael**; 53876 Brentwood Drive, New Baltimore, MI 48047 (US).

(74) **METCALF, Craig**; Madson & Metcalf, 15 West South Temple, Suite 900, Salt Lake City, UT 84101 (US).

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

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

(51)⁷ **B60R**

(11) **WO 03/041996** (13) A2

(21) PCT/US02/36056

(22) **12 Nov/nov 2002 (12.11.2002)**

(25) en (26) en

(30) 60/333,291 **14 Nov/nov 2001** US (14.11.2001)

(30) 60/337,296 **4 Dec/déc 2001** US (04.12.2001)

(30) 10/080,264 **21 Feb/fév 2002** US (21.02.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SEAT RESTRAINT TENSIONER
• TENDEUR DE HARNAIS

(71) **DELPHI TECHNOLOGIES, INC.** [US/US]; 5825 Delphi Drive, Troy, MI 48098-2815 (US).

(72) **WEBBER, James, Lloyd**; 3892 Woodbine Court, Shelby Township, MI 48316 (US). **Hlavaty, David, G.**; 40121 Woodside Drive North, Northville, MI 48167 (US).

(74) **VEENSTRA, Charles, K.**; Delphi Technologies, Inc., Legal Staff, P.O. Box 5052, Mail Code: 480-414-420, Troy, MI 48007-5052 (US).

(81) KR.

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

(51)⁷ **B60R**

(11) **WO 03/041997** (13) A2

(21) PCT/US02/36060

(22) **12 Nov/nov 2002 (12.11.2002)**

(25) en (26) en

(30) 60/333,264 **14 Nov/nov 2001** US (14.11.2001)

(30) 10/156,850 **29 May/mai 2002** US (29.05.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • TENSION SENSING ASSEMBLY

• ENSEMBLE DE DETECTION DE TENSION

(71) **DELPHI TECHNOLOGIES, INC.** [US/US]; 5825 Delphi Drive, Troy, MI 48098-2815 (US).

(72) **GREIB, Gary, R.**; 370 Indian Trail, Lake Orion, MI 48362 (US). **MILLER, Thomas, W.**; 26268 Bonnie, Warren, MI 48089 (US).

(74) **VEENSTRA, Charles, K.**; Delphi Technologies, Inc., Legal Staff, P.O. Box 5052 - M/C 480-414-202, Troy, MI 48007-5052 (US).

(81) JP KR.

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

(51)⁷ **B60R**

(11) **WO 03/041998** (13) A2

(21) PCT/US02/36155

(22) **12 Nov/nov 2002 (12.11.2002)**

(25) en (26) en

(30) 60/337,588 **12 Nov/nov 2001** US (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FRAMELESS LOAD RESTRAINING VEHICULAR BARRIER DEVICE
• BARRIERE D'ARRET DE CHARGES SANS CADRE POUR VEHICULES

(71) **POLYTECH NETTING, L.P.** [US/US]; 631 East Big Beaver, Suite 207, Troy, MI 48083 (US).

(72) **BATEMAN, Brian**; 1882 Ludgate, Rochester Hills, MI 48309 (US).

(74) **BASILE, Andrew R.** et al. / etc.; **YOUNG & BASILE, P.C.**, 3001 West Big Beaver Road, Suite 624, Troy, MI 48084 (US).

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

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

(51)⁷ **B60R 1/04, 11/02**

(11) **WO 03/041999** (13) A1

(21) PCT/JP01/10033

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

(25) ja (26) ja

(43) 22 May/mai 2003 (22.05.2003)

(54) • ACCESSORY HOLDER IN CABIN
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(71) **MURAKAMI CORPORATION** [JP/JP]; 12-25, Miyamoto-cho, Shizuoka-shi, Shizuoka 422-8569 (JP).
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(72, 75) **SUZUKI, Hisaya** [JP/JP]; c/o **MURAKAMI CORPORATION** Fujieda Works, 748, Hyodayu, Shizuoka-shi, Shizuoka 426-8601 (JP). **MARUSAWA, Masahiko** [JP/JP]; c/o **MURAKAMI CORPORATION** Fujieda Works, 748, Hyodayu, Fujieda-shi, Shizuoka 426-8601 (JP). **TSUTSUMI,**

Noriyuki [JP/JP]; c/o **MURAKAMI CORPORATION** Fujieda Works, 748, Hyodayu, Fujieda-shi, Shizuoka 426-8601 (JP).

(74) **ISONO, Michizo**; c/o Isono International Patent Office, Sabo-kaikan Annex, 7-4, Hirakawa-cho 2-chome, Chiyoda-ku, Tokyo 102-0093 (JP).

(81) AU BR CA CN CZ HU ID IN JP KR MX PH PL RU SG SK TR 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 **B60R 13/01, E05C 1/14**

(11) **WO 03/042000** (13) A1

(21) PCT/EP02/12781

(22) **14 Nov/nov 2002 (14.11.2002)**

(25) de (26) de

(30) 101 56 692.1 **17 Nov/nov 2001** DE (17.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • COVERING FOR A WALL OF A VEHICLE PASSENGER COMPARTMENT
• COUVERCLE POUR PAROI D'HABITACLE DE VEHICULE

(71) **BAYERISCHE MOTOREN WERKE** [DE/DE]; Aktiengesellschaft, Petuelring 130, 80809 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STÖCKL, Siegfried** [DE/DE]; Herzog-Heinrich-Strasse 2, 84076 Pfeffenhäuser (DE). **BURMBERGER, Christoph** [DE/DE]; Harmerzerstrasse 22, 36041 Fulda (DE).

(74) **BAYERISCHE MOTOREN WERKE**; Aktiengesellschaft, Patentabteilung, AJ-3, 80788 München (DE).

(81) US.

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

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(51)⁷ **B60R 13/10**

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(21) PCT/FR02/03917

(22) **15 Nov/nov 2002 (15.11.2002)**

(25) fr (26) fr

(30) 01/14835 **16 Nov/nov 2001** FR (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR MAKING A RIMLESS DOUBLE LICENCE PLATE AND LICENCE PLATE OBTAINED

• PROCEDE DE FABRICATION D'UNE PLAQUE MINERALOGIQUE DE TYPE DOUBLE SANS BORDURE, ET LA PLAQUE MINERALOGIQUE OBTENUE

(71) **FABRICAUTO-ESSARAUTO** [FR/FR]; Rue des Essarts, Z.I. Sud, F-71000 Macon (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COMBAZ, Laurent** [FR/FR]; 13, rue des Peupliers, F-69003 Lyon (FR).

(74) **CABINET JOLLY**; 54, rue de Clichy, 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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(51)⁷ B60R 16/02, 11/02

(11) WO 03/042002 (13) A1

(21) PCT/JP02/11840

(22) 13 Nov/nov 2002 (13.11.2002)

(25) ja (26) ja

(30) 2001-386801 13 Nov/nov 2001 JP (13.11.2001)

(30) 2002-160681 31 May/mai 2002 JP (31.05.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DATA CREATION APPARATUS

• APPAREIL DE CREATION DE DONNEES

(71) KABUSHIKI KAISHA EQUOS RESEARCH [JP/JP]; 19-12, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101-0021 (JP).
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(72, 75) KUBOTA, Tomoki [JP/JP]; c/o Kabushiki Kaisha Equos Research, 19-12, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101-0021 (JP). HORI, Koji [JP/JP]; c/o Kabushiki Kaisha Equos Research, 19-12, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101-0021 (JP). KONDO, Hiroaki [JP/JP]; c/o Kabushiki Kaisha Equos Research, 19-12, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101-0021 (JP). MATSUDA, Manabu [JP/JP]; c/o Kabushiki Kaisha Equos Research, 19-12, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101-0021 (JP). ADACHI, Kazuhide [JP/JP]; c/o Kabushiki Kaisha Equos Research, 19-12, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101-0021 (JP). HIRANO, Tadashi [JP/JP]; c/o Kabushiki Kaisha Equos Research, 19-12, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101-0021 (JP). FUJII, Kazuaki [JP/JP]; c/o Kabushiki Kaisha Equos Research, 19-12, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101-0021 (JP).

(74) KAWAMOTO, Kiyoshi; c/o Kabushiki Kaisha Equos Research, 19-12, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101-0021 (JP).

(81) US.

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

(51)⁷ B60R 16/08, F21B 21/04

(11) WO 03/042003 (13) A1

(21) PCT/SE02/02045

(22) 11 Nov/nov 2002 (11.11.2002)

(25) sv (26) en

(30) 0103787-8 14 Nov/nov 2001 SE (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • RESERVOIR FOR FLUID

• RESERVOIR POUR FLUIDE

(71) SCANIA CV AB (publ) [SE/SE]; S-151 87 Södertälje (SE).

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

(72, 75) PETERSSON, Johnny [SE/SE]; Öpundavägen 5, S-640 23 Valla (SE).

(74) FORSELL, Hans; Scania CV AB, Patents, S-151 87 Södertälje (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B60R 19/18

(11) WO 03/042004 (13) A1

(21) PCT/EP02/12051

(22) 29 Oct/oct 2002 (29.10.2002)

(25) de (26) de

(30) 101 55 341.2 10 Nov/nov 2001 DE (10.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FRAME-SHAPED SUPPORTING ELEMENT FOR A MOTOR VEHICLE, WHICH CLOSED ON ONE SIDE BY WEB-SHAPED COVER

• ELEMENT PORTEUR POUR VEHICULE AUTOMOBILE, EN FORME DE CADRE FERME SUR UN COTE PAR UN RECOUVREMENT EN FORME DE BANDE

(71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).

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(72, 75) GLASHAGEL, Mario [DE/DE]; Gartenstrasse 29, 71292 Friolzheim (DE). KAUFFMANN, Volker [DE/DE]; Am Pfarrtor 1, 71272 Renningen (DE). KREMPELS, Uwe [DE/DE]; Humboldtstrasse 20, 71032 Böblingen (DE). NUBER, Walter [DE/DE]; Wangener Strasse 27, 73033 Göppingen (DE). SCHMID, Holger [DE/DE]; Eichenweg 28, 72160 Horb (DE).

(74) BRÜCKNER, Ingo et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).

(81) JP US.

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

(51)⁷ B60R 21/01

(11) WO 03/042005 (13) A1

(21) PCT/EP02/10660

(22) 23 Sep/sep 2002 (23.09.2002)

(25) de (26) de

(30) 101 55 663.2 13 Nov/nov 2001 DE (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR ACTIVATING A SAFETY DEVICE

• PROCEDE D'ACTIVATION DE DISPOSITIFS DE SECURITE

(71) BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT [DE/DE]; Petuelring 130, 80809 München (DE).

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

(72, 75) LINK, Andrea [DE/DE]; Grünwalder Strasse 217, 81545 München (DE). WATZKA, Willibald [DE/DE]; Konrad-Adenauer-Strasse 5, 86551 Aichach (DE). URBAHN, Jan [DE/DE]; Werner-Egk-Bogen 79, 80939 München (DE).

(74) BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT; Patentabteilung, AJ-3, 80788 München (DE).

(81) JP US.

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

(51)⁷ B60R 21/01

(11) WO 03/042006 (13) A1

(21) PCT/EP02/10661

(22) 23 Sep/sep 2002 (23.09.2002)

(25) de (26) de

(30) 101 55 662.4 13 Nov/nov 2001 DE (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR ACTIVATING SAFETY DEVICES

• PROCEDE D'ACTIVATION DE DISPOSITIFS DE SECURITE

(71) BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT [DE/DE]; Petuelring 130, 80809 München (DE).

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(72, 75) LINK, Andrea [DE/DE]; Grünwalder Strasse 217, 81545 München (DE). WATZKA, Willibald [DE/DE]; Konrad-Adenauer-Strasse 5, 86551 Aichach (DE). URBAHN, Jan [DE/DE]; Werner-Egk-Bogen 79, 80939 München (DE).

(74) BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT; Patentabteilung AJ-3, 80788 München (DE).

(81) JP US.

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

(51)⁷ B60R 21/01

(11) WO 03/042007 (13) A1

(21) PCT/EP02/10662

(22) 23 Sep/sep 2002 (23.09.2002)

(25) de (26) de

(30) 101 55 659.4 13 Nov/nov 2001 DE (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • METHOD FOR DETERMINING THE KEY CRASH PHASES FOR TRIGGERING A PASSIVE SAFETY DEVICE IN A VEHICLE
- PROCEDE PERMETTANT DE DETERMINER LES PHASES D'IMPACT CARACTERISTIQUES D'UN VEHICULE POUR LE DECLENCHEMENT D'UN DISPOSITIF DE SECURITE PASSIF
- (71) BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT [DE/DE]; Petuelring 130, 80809 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINK, Andrea [DE/DE]; Grünwalder Strasse 217, 81545 München (DE). WATZKA, Willibald [DE/DE]; Konrad-Adenauer-Strasse 5, 86551 Aichach (DE). URBAHN, Jan [DE/DE]; Werner-Egk-Bogen 79, 80939 München (DE).
- (74) BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT; Patentabteilung, AJ-3, 80788 München (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ B60R 21/01
- (11) WO 03/042008 (13) A2
- (21) PCT/EP02/12312
- (22) 5 Nov/nov 2002 (05.11.2002)
- (25) de (26) de
- (30) 101 56 652.2 17 Nov/nov 2001 DE (17.11.2001)
- (30) 102 02 551.7 24 Jan/jan 2002 DE (24.01.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • AIRBAG DEVICE FOR A VEHICLE, ESPECIALLY A MOTOR VEHICLE, AND SENSOR FOR LOCAL AND/OR TIME RESOLUTION FORCE OR PRESSURE MEASUREMENT
- DISPOSITIF COUSSIN GONFLABLE DE PROTECTION POUR UN VEHICULE, NOTAMMENT POUR UN VEHICULE AUTOMOBILE, ET CAPTEUR POUR LA MESURE DE FORCE OU DE PRESSION A RESOLUTION SPATIALE OU TEMPORELLE
- (71) VOLKSWAGEN AKTIENGESELLSCHAFT [DE/DE]; 38436 Wolfsburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STRUTZ, Torsten [DE/DE]; Hinterm Stadttor 1, 38442 Wolfsburg (DE). SCHOFT, Axel [DE/DE]; Mittelweg 93, 38106 Braunschweig (DE).
- (74) LIEBL, Thomas et al. / etc.; Fauststrasse 30, 85051 Ingolstadt (DE).
- (81) CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ B60R 21/08
- (11) WO 03/042009 (13) A1
- (21) PCT/RU02/00473
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) ru (26) ru
- (30) 200130398 13 Nov/nov 2001 RU (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DEVICE FOR INCREASING SAFETY OF A USER OF TRANSPORT MEANS
- DISPOSITIF PERMETTANT DE RENFORCER LA SECURITE DES USAGERS DE MOYENS DE TRANSPORT
- (71, 72) CHEKAEV, Anatoly Michailovich [RU/RU]; ul. Azovskaya, 33-1-67, Moscow, 113452 (RU).
- (74) PEVTSOV, Dmitry Alexandrovich; ul. B.Pereyaslavskaya, 5-1-28, Moscow, 129110 (RU).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (11) WO 03/042010 (13) A1
- (21) PCT/JP02/11930
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- (25) ja (26) ja
- (30) 2001-349608 15 Nov/nov 2001 JP (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • GAS GENERATOR
- GÉNÉRATEUR DE GAZ
- (71) NIPPON KAYAKU KABUSHIKI-KAISHA [JP/JP]; 11-2, Fujimi 1-chome, Chiyoda-ku, Tokyo 102-8172 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YOSHIDA, Masahiro [JP/JP]; c/o Himeji Factory of NIPPON KAYAKU KABUSHIKI-KAISHA, 3903-39, Toyotomi, Toyotomi-cho, Himeji-shi, Hyogo 679-2123 (JP). KODAMA, Ryoji [JP/JP]; c/o Himeji Factory of NIPPON KAYAKU KABUSHIKI-KAISHA, 3903-39, Toyotomi, Toyotomi-cho, Himeji-shi, Hyogo 679-2123 (JP). KISHINO, Yoshiyuki [JP/JP]; c/o Himeji Factory of NIPPON KAYAKU KABUSHIKI-KAISHA, 3903-39, Toyotomi, Toyotomi-cho, Himeji-shi, Hyogo 679-2123 (JP).
- (74) KAJI, Yoshiyuki et al. / etc.; Recruit Shin Osaka BLDG., 14-22, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 03/042011 (13) A1
- (21) PCT/SE02/01923
- (22) 23 Oct/oct 2002 (23.10.2002)
- (25) en (26) en
- (30) 0103803-3 15 Nov/nov 2001 SE (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • LOCKING ARRANGEMENT FOR SAFETY BELT
- DISPOSITIF DE VERROUILLAGE POUR CEINTURE DE SECURITE
- (71) SAAB AUTOMOBILE AB [SE/SE]; S-461 80 Trollhättan (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ABRAHAMSSON, Anders [SE/SE]; Dalbergsgatan 6, S-441 35 Alingsås (SE).
- (74) ANDERSSON EDÉN, Pernilla; Saab Automobile AB, TGLV B2-1, S-461 80 Trollhättan (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 03/042012 (13) A1
- (21) PCT/EP02/12568
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) de (26) de
- (30) 201 18 739.6 16 Nov/nov 2001 DE (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • FLAT SPIRAL SPRING MOUNTING IN A SAFETY BELT RETRACTOR
- SYSTEME DE FIXATION A RESSORT SPIRAL DANS UN ENROULEUR DE CEINTURE DE SECURITE
- (71) AUTOLIV DEVELOPMENT AB [SE/SE]; Vallentinsvägen 22, S-447 83 Vargarda (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KRAMBECK, Inga [DE/DE]; Ansgarstrasse 11a, 25336 Elmshorn (DE).
- (74) MÜLLER, Karl-Ernst et al. / etc.; c/o Becker & Müller, Berkenbrink, Turmstrasse 22, 40878 Ratingen (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 TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B60R 22/48, H04B 1/38
(11) WO 03/042013 (13) A1
(21) PCT/FI01/00977
(22) 9 Nov/nov 2001 (09.11.2001)
(25) fi (26) en
(43) 22 May/mai 2003 (22.05.2003)
(54) • ARRANGEMENT IN A VEHICLE
HANDS FREE PHONE
• DISPOSITIF DANS UN TELEPHONE
MAINS-LIBRES DE VEHICULE
(71, 72) HLEIHEL, Soile [FI/FI]; Koukkarinkatu
20, FIN-33270 Tampere (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 CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG 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 B60R 25/02
(11) WO 03/042014 (13) A1
(21) PCT/EP02/12291
(22) 4 Nov/nov 2002 (04.11.2002)
(25) de (26) de
(30) 101 56 335.3 16 Nov/nov 2001 DE
(16.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • DEVICE FOR BLOCKING THE STEER-
ING SPINDLE OF A MOTOR VEHICLE
• DISPOSITIF DE BLOCAGE DE
L'ARBRE DE DIRECTION D'UN VE-
HICULE AUTOMOBILE
(71) HUF HÜLSBECK & FÜRST GMBH
& CO. KG [DE/DE]; Steeger Strasse 17,
D-42551 Velbert (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) ZILLMANN, Horst [DE/DE]; Ravens-
burger Ring 57, 81243 München (DE).
(74) OEDEKOVEN, Wolf, D.; Erhardtstrasse 8,
80469 München (DE).
(81) KR US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ B60R 25/10, 25/04, E02F 9/24, G08B
13/00
(11) WO 03/042015 (13) A1
(21) PCT/JP02/08796
(22) 30 Aug/août 2002 (30.08.2002)
(25) ja (26) ja
(30) 2001-351924 16 Nov/nov 2001 JP
(16.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • CONSTRUCTION MACHINERY
• ENGIN DE CONSTRUCTION
(71) SHIN CATERPILLAR MITSUBISHI
LTD. [JP/JP]; 10-1, Yoga 4-chome, Seta-
gaya-ku, Tokyo 158-8530 (JP).
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(72, 75) KAJITA, Shigeo [JP/JP]; C/O SHIN
CATERPILLAR MITSUBISHI LTD., 10-1,
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(JP). UTO, Yukihiko [JP/JP]; C/O SEIRYO
ENGINEERING KABUSHIKI KAISHA,
1-14, Wadamiyadori 7-chome, Hyogo-ku,
Kobe-shi, Hyogo 652-0863 (JP). MA-
TOBA, Nobuaki [JP/JP]; C/O MITSUBISHI
JYUKOGYO KABUSHIKI KAISHA, 5-1,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-0005 (JP).
(74) KABASAWA, Joo et al. / etc.; NSO BLDG.,
1-22, Shinjuku 3-chome, Shinjuku-ku, Tokyo
160-0022 (JP).
(81) KR US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).
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(11) WO 03/042016 (13) A2
(21) PCT/FR02/03905
(22) 14 Nov/nov 2002 (14.11.2002)
(25) fr (26) fr
(30) 01/14753 14 Nov/nov 2001 FR
(14.11.2001)
(30) 01/14754 14 Nov/nov 2001 FR
(14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • WATER-RETENTION COATING FOR A
WINDSCREEN WIPER BLADE, WIPER
BLADE PROVIDED WITH SAME AND
METHOD FOR COATING A BLADE
WITH SAME
• REVETEMENT POUR UNE LAME
D'ESSUYAGE D'ESSUIE-GLACE A
RETENTION D'EAU, LAME D'ES-
SUYAGE MUNIE D'UN TEL REVETE-
MENT ET PROCEDE POUR REVETIR
UNE LAME D'UN TEL REVETEMENT
(71) VALEO SYSTEMES D'ESSUYAGE
[FR/FR]; Z.A. de l'Agiot - B.P. 81, 8, rue
Louis Lormand, F-78321 La Verrière (FR).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) BRAUN, Alexis [FR/FR]; 1, impasse de
la Mouchette, F-63500 Issoire (FR).
(74) LEVY-MOULIN, Béatrice; Valeo Sys-
tèmes d'Essuyage, Z.A. de l'Agiot, B.P. 81,
8, rue Louis Lormand, F-78321 La Verrière
(FR).
-
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B60S 1/40
(11) WO 03/042017 (13) A1
(21) PCT/EP02/12977
(22) 14 Nov/nov 2002 (14.11.2002)
(25) en (26) en
(30) 01000640.1 16 Nov/nov 2001 EP
(16.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • WINDSCREEN WIPER DEVICE
• DISPOSITIF ESSUIE-GLACE
(71) FEDERAL-MOGUL S.A. [BE/BE]; Av-
enue Champion, B-6790 Aubange (BE).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) BOLAND, Xavier [BE/BE]; Route de
Luxembourg, 304, B-6700 Arlon (BE).
(74) HOOIVELD, Arjen, Jan, Winfried;
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 SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B60T 8/00
(11) WO 03/042018 (13) A1
(21) PCT/DE02/03550
(22) 20 Sep/sep 2002 (20.09.2002)
(25) de (26) de
(30) 101 55 672.1 13 Nov/nov 2001 DE
(13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • TIRE SENSOR SYSTEM FOR CONTIN-
UOUSLY MEASURING THE TRANS-
MITTED FORCE AND THE COEFFICI-
ENT OF FRICTION POTENTIAL μ
• SYSTEME DE DETECTION PERMET-
TANT DE MESURER EN CONTINU LA
FORCE TRANSMISE ET LE POTEN-
TIEL DU COEFFICIENT DE FROTTE-
MENT μ

(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) **LIEBEMANN, Edwin** [DE/DE]; Graf-Leutrum-Str. 11, 71229 Leonberg (DE).
ARNDT, Dietmar [DE/DE]; Besigheimer Str. 103, 74343 Kleinsachsenheim (DE).

(81) JP US.

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

Published / Publiée : (c)

(51)⁷ **B60T 13/74, F16D 55/224**

(11) **WO 03/042019** (13) A1

(21) PCT/EP02/12741

(22) **14 Nov/nov 2002 (14.11.2002)**

(25) de (26) de

(30) 101 56 503.8 **16 Nov/nov 2001 DE (16.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • CONTROL METHOD FOR CONTROLLING A RESETTING SYSTEM OF A DISK BRAKE AND BRAKE DISK ASSEMBLY
• PROCEDE DE COMMANDE POUR REGULER UN SYSTEME DE RATRAPAGE DE FREIN A DISQUE ET SYSTEME DE FREIN A DISQUE CORRESPONDANT

(71) **KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH** [DE/DE]; Moosacher Str. 80, 80809 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAUMGARTNER, Johann** [DE/DE]; Thonstetten 35, 85368 Moosburg (DE).

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

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

Published / Publiée : (c)

(51)⁷ **B60T 17/08, 17/10**

(11) **WO 03/042020** (13) A1

(21) PCT/EP02/12571

(22) **11 Nov/nov 2002 (11.11.2002)**

(25) de (26) de

(30) 101 55 952.6 **14 Nov/nov 2001 DE (14.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • BRAKE SYSTEM FOR A MOTOR VEHICLE
• SYSTEME DE FREINAGE POUR VEHICULE AUTOMOBILE

(71) **KNORR-BREMSE** [DE/DE]; Systeme für Nutzfahrzeuge GmbH, Moosacher Strasse 80, 80809 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HERGES, Michael** [DE/DE]; Christophstrasse 7, 70825 Korntal-Münchingen (DE).

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

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

Published / Publiée : (c)

(51)⁷ **B62B 3/00, A61B 19/02**

(11) **WO 03/042021** (13) A1

(21) PCT/EP02/10047

(22) **7 Sep/sep 2002 (07.09.2002)**

(25) de (26) de

(30) 101 55 515.6 **13 Nov/nov 2001 DE (13.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • TRANSPORT DEVICE FOR PRODUCTS TO BE STERILISED
• DISPOSITIF DE TRANSPORT DESTINE A UN PRODUIT STERILE

(71) **METALLVERARBEITUNG KÖGEL GMBH** [DE/DE]; Hagenfeldstrasse 4, 75038 Oberderdingen (DE).

(72) **KÖGEL, Rolf-Dieter**; Sternenfelsstrasse 48, 75038 Oberderdingen (DE). **SERVAY, Gerd**; Steinkopfstrasse 5, 75057 Kürnbach (DE).

(74) **BULLING, Alexander**; Dreiss, Fuhlendorf, Steimle & Becker, Postfach 10 37 62, 70032 Stuttgart (DE).

(81) HU PL YU.

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

(51)⁷ **B62D 21/18, E02F 9/02, B62D 55/10**

(11) **WO 03/042022** (13) A1

(21) PCT/JP02/11675

(22) **8 Nov/nov 2002 (08.11.2002)**

(25) ja (26) ja

(30) 2001-347871 **13 Nov/nov 2001 JP (13.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • TRACK FRAME FOR CONSTRUCTION MACHINES
• CHASSIS POUR CHENILLE EQUIPANT DES ENGINES DE CHANTIER

(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) **URASE, Kouhei** [JP/JP]; Room 201, Bellagio, 10-45, Ishibehigashi 3-chome, Ishibe-cho, Koka-gun, Shiga 520-3107 (JP).
SAKUMA, Nobumitsu [JP/JP]; Room 401, Sunnyside, 777, Takano, Ritto-shi, Shiga 520-3045 (JP).

(74) **HIROSE, Kazuhiko**; 4F., Ohkura Bldg., 1-2, Nishishinjuku 3-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN JP KR US.

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

Published / Publiée : (b)

(51)⁷ **B62D 29/00, B60G 7/00**

(11) **WO 03/042023** (13) A1

(21) PCT/DE02/04197

(22) **12 Nov/nov 2002 (12.11.2002)**

(25) de (26) de

(30) 101 55 490.7 **13 Nov/nov 2001 DE (13.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • FORCE STRUT BRACE
• JAMBE DE FORCE

(71) **ZF LEMFÖRDER METALLWAREN AG** [DE/DE]; 49448 Lemförde (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUDDE, Frank** [DE/DE]; Fasanenweg 3, 49401 Damme (DE). **KRUSE, Jochen** [DE/DE]; Wildeshauser Strasse 2, 49088 Osnabrück (DE). **SCHÖNHOF, Stefan** [DE/DE]; Langenkamp 2, 49082 Osnabrück (DE).

(81) JP US.

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

Published / Publiée : (c)

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for the following designations / pour les désignations suivantes : JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)⁷ **B62D 29/00, 21/15**

(11) **WO 03/042024** (13) A1

(21) PCT/EP02/12975

(22) **14 Nov/nov 2002 (14.11.2002)**

(25) en (26) en

(30) 60/333,273 **14 Nov/nov 2001 US (14.11.2001)**

(30) 0130439.3 **20 Dec/déc 2001 GB (20.12.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • AUTOMOTIVE COMPOSITE STRUCTURE PART WITH SPECIFICATED IMPACT ENERGY ABSORPTION
• COMPOSANT AUTOMOBILE DE STRUCTURE COMPOSITE AYANT UNE ABSORPTION D'ENERGIE DE RUPTURE SPECIFIQUE

(71) **L & L PRODUCTS, INC.** [US/US]; 159 McLean Drive, Romeo, MI 48065 (US).

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

- (72, 75) **LE GALL, Eric** [FR/FR]; 9 rue Ampère, Duttlenheim, F-67129 Molsheim Cedex (FR). **LUTZ, Jean-Philippe** [FR/FR]; 9, rue Ampère, Duttlenheim, F-67129 Molsheim Cedex (FR). **BIEBER, Serge** [FR/FR]; 9, rue Ampère, Duttlenheim, F-67129 Molsheim Cedex (FR). **BRAYMAND, Franck** [FR/FR]; 9 rue Ampère, Duttlenheim, F-67129 Molsheim Cedex (FR). **BOURDIN, Jean-Philippe** [FR/FR]; 9, rue Ampère, Duttlenheim, F-67129 Molsheim Cedex (FR). **MENDI-BOURE, Jean** [FR/FR]; 9 rue Ampère, Duttlenheim, F-67129 Molsheim Cedex (FR). **RILEY, Jon** [US/US]; 35433 Tall Pine Road, Farmington, MI 48335 (US). **CZAPLICKI, Michael, J.** [US/US]; 1035 Pointe Place, Rochester, MI 48307 (US).
- (74) **BAWDEN, Peter, Charles**; Bawden & Associates, 4 The Gatehouse, 2 High Street, Harpenden, Herts, AL5 2TH (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **B62J 1/00**
(11) **WO 03/042025** (13) A1
(21) PCT/US02/37428
(22) **12 Nov/nov 2002 (12.11.2002)**
(25) en (26) en
(30) 09/992,690 **13 Nov/nov 2001 US (13.11.2001)**
(43) 22 May/mai 2003 (22.05.2003)
(54) • POSITIONING MECHANISM FOR A MASSAGE CHAIR
• MECANISME DE POSITIONNEMENT POUR CHAISE DE MASSAGE
- (71) **EARTHLITE MASSAGE TABLES, INC.** [US/US]; 3210 Executive Ridge Drive, Vista, CA 92083 (US).
- (72) **ROLEDER, Jon**; 6111 Beaumont, La Jolla, CA 92037 (US). **MARTIN, William, A.**; P.O. Box 2712, Carlsbad, CA 92008 (US). **WEISKOPF, Paul, M., G.**; 5708 Baltimore Drive #403, La Mesa, CA 91942 (US).
- (74) **ROEDER, Steven, G.**; The Law Office of Steven G. Roeder, 5560 Chelsea Avenue, La Jolla, CA 92037 (US).
- (81) CA JP
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
-
- (51)⁷ **B62K 5/00, B62J 25/00**
(11) **WO 03/042026** (13) A1
(21) PCT/CA02/01754
- (22) **13 Nov/nov 2002 (13.11.2002)**
(25) en (26) en
(30) 60/331,252 **13 Nov/nov 2001 US (13.11.2001)**
(30) 60/384,822 **4 Jun/juin 2002 US (04.06.2002)**
(30) 60/393,114 **3 Jul/juil 2002 US (03.07.2002)**
(43) 22 May/mai 2003 (22.05.2003)
(54) • ATV WITH IMPROVED DRIVER POSITIONING AND SINGLE OR MULTIPLE PASSENGER CAPACITY
• VTT AVEC POSITIONNEMENT DU CONDUCTEUR AMELIORE ET CAPACITE EN PASSAGERS SIMPLE OU MULTIPLE
- (71) **BOMBARDIER INC.** [CA/CA]; Recreational Products Group, 565 De La Montagne St., Valcourt, Québec J0E 2L0 (CA).
- (71, 72) **RONDEAU, Pierre** [CA/CA]; 1590 Bouffard St., St-Denis-de-Brompton, Québec J0B 2P0 (CA). **GAGNON, Claude** [CA/CA]; 2065 Pierre-Hamel St., Magog, Québec J1X 5T9 (CA). **PORTELANCE, Martin** [CA/CA]; 860 Argyle St., Sherbrooke, Québec J1J 3J4 (CA). **DUBÉ, Éric** [CA/CA]; 5684 Hercules St., Rock-Forest, Québec J1N 2J5 (CA). **GAGNÉ, Martin** [CA/CA]; 6052 De La Montagne St., Valcourt, Québec J0E 2L0 (CA).
- (74) **GOUDREAU, Dominic et al.** / etc.; Bombardier Recreational Products, Intellectual Property Department, 1061 Parent Street, St-Bruno, Québec J3V 6P1 (CA).
- (81) AU CA
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
-
- (51)⁷ **B62K 15/00, 13/00, A45F 3/24**
(11) **WO 03/042027** (13) A1
(21) PCT/FR02/03838
(22) **8 Nov/nov 2002 (08.11.2002)**
(25) fr (26) fr
(30) 01/14955 **12 Nov/nov 2001 FR (12.11.2001)**
(43) 22 May/mai 2003 (22.05.2003)
(54) • BICYCLE FRAME CONVERTIBLE INTO A HAMMOCK SUPPORT
• ARMATURE DE BICYCLETTE TRANSFORMABLE EN SUPPORT DE HAMAC
- (71, 72) **CONSTANT, Claude** [FR/FR]; La Rose, Chemin de Blonzac, F-97128 Goyave (FR).
- (74) **LEPEUDRY-GAUTHERAT, Thérèse et al.** / etc.; Cabinet Lepeudry, 43, rue de la Brèche aux Loups, F-75012 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD
- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B63B**
(11) **WO 03/042028** (13) A2
(21) PCT/HR02/00054
(22) **8 Nov/nov 2002 (08.11.2002)**
(25) en (26) en
(30) P20010836A **12 Nov/nov 2001 HR (12.11.2001)**
(43) 22 May/mai 2003 (22.05.2003)
(54) • VESSEL FOR COLLECTING OIL FROM WATER SURFACE
• NAVIRE PERMETTANT DE COLLECTER L'HUILE A LA SURFACE DE L'EAU
- (71, 72) **DODIG, Ivica** [HR/HR]; Primorska 44, 20343 Rogotin (HR).
- (74) **DIATUS; Poljicka cesta 31, 21000 Split (HR).**
- (81) AE AG AL AU BA BB BG BR BZ CA CN CO CR CU CZ DM DZ EC EE GE GD HR 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 TN 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B63B 9/00, B08B 1/04**
(11) **WO 03/042029** (13) A1
(21) PCT/ES02/00514
(22) **6 Nov/nov 2002 (06.11.2002)**
(25) es (26) es
(30) P200102543 **16 Nov/nov 2001 ES (16.11.2001)**
(43) 22 May/mai 2003 (22.05.2003)
(54) • UNDERSEA ROBOT AND THE CONTROL METHOD THEREFOR
• ROBOT SOUS-MARIN ET SON PROCEDE DE COMMANDE
- (71) **CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS** [ES/ES]; C/Serrano, 117, E-28006 Madrid (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AKINFIEV, Teodor** [ES/ES]; Insto. Automática Industrial, Consejo Superior de Investigaciones Científicas, Ctra. Madrid-Valencia, km. 22, 800, E-28500 Arganda del Rey (Madrid) (ES). **ARMADA RODRÍGUEZ, Manuel, Angel** [ES/ES]; Insto. Automática Industrial, Consejo Superior de Investigaciones Científicas, Ctra. Madrid-Valencia, km. 22, 800, E-28500 Arganda del Rey (Madrid) (ES). **GONZÁLEZ DE SANTOS, Pablo** [ES/ES]; Insto. Automática Industrial, Consejo Superior de Investigaciones Científicas, Ctra. Madrid-Valencia, km. 22, 800, E-28500 Arganda del Rey (Madrid) (ES). **ROS TORRECILLAS, Salvador** [ES/ES]; Insto. Automática Industrial, Consejo Superior de Investigaciones Científicas, Ctra. Madrid-Valencia, km. 22, 800, E-28500 Arganda del Rey (Madrid) (ES).

(74) **REPRESA SÁNCHEZ, Domingo**; Consejo Superior de Investigaciones Científicas, Oficina de Transferencia de Tecnología, C/Serrano, 113 - 2ª planta, E-28006 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B63B 9/06, 5/24, 3/04

(11) WO 03/042030 (13) A1

(21) PCT/ES02/00526

(22) 13 Nov/nov 2002 (13.11.2002)

(25) es (26) es

(30) P 0102505 14 Nov/nov 2001 ES (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD OF CONSTRUCTING A LARGE, THREE-DIMENSIONAL, LAMINAR BODY

• PROCEDE DE FABRICATION D'UN CORPS LAMELLAIRE TRIDIMENSIONNEL DE GRANDE DIMENSION

(71, 72) **FRADERA PELLICER, Carlos** [ES/AD]; Residencial "El Cortalet", Edificio A, Esc.E., L'Aldosa-La Massana, Andora (ES).

(74) **CERULL SUÑOL, Marcelino** et al. / etc.; c/o Dr. Ing. M. Curell Suñol I.I.S.L., Passeig de Gràcia 65 bis, E-08008 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ B63B 35/79, 35/85

(11) WO 03/042031 (13) A1

(21) PCT/AU02/01540

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 09/990,919 13 Nov/nov 2001 US (13.11.2001)

(30) 10/280,487 25 Oct/oct 2002 US (25.10.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • REMOVABLE AND ADJUSTABLE SURF FIN SYSTEM

• SYSTEME DE DERIVE DE SURF AMOVIBLE ET REGLABLE

(71) **SUNBUM PTY LTD** [AU/AU]; 5 TARONGA PLACE, MONA VALE, New South Wales 2103 (AU).

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

(72, 75) **McCAUSLAND, William, Thomas** [AU/AU]; 37 MARINE PARADE, AVALON BEACH, New South Wales 2107 (AU).

BENNETT, Graeme [AU/AU]; 24 DUNCAN CRESCENT, COLLAROY, New South Wales 2097 (AU). **MOUNTFORD, Gary** [AU/AU]; UNIT 2, 31 CAREEL HEAD ROAD, AVALON, New South Wales 2107 (AU).

(74) **BORG, Keith, Joseph** et al. / etc.; HALFORD & CO, LEVEL 7, 1 MARKET 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B63C 9/00

(11) WO 03/042032 (13) A1

(21) PCT/FR02/03791

(22) 6 Nov/nov 2002 (06.11.2002)

(25) fr (26) fr

(30) 01/14685 12 Nov/nov 2001 FR (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM FOR LOCATING A PERSON HAVING FALLEN OVERBOARD

• SYSTEME DE REPERAGE D'UN HOMME A LA MER

(71) **SOCIETE D'ETUDES ET DE REALISATION DE PROTECTION ELECTRONIQUE - INFORMATIQUE ELECTRONIQUE SECURITE MARITIME - S.E.R.P.E.-I.E.S.M. (SA)** [FR/FR]; Village de Hirgoat, Z.I. des Cinq Chemins, F-56520 Guidel (FR).

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

(72, 75) **AUDREN, James** [FR/FR]; Lann Er Roch, F-56620 Cleguer (FR). **RENAUDIN, Philippe** [FR/FR]; 29, rue de Pressensé, F-56100 Lorient (FR).

(74) **BEAUFILS, Yves** et al. / etc.; Cabinet Ballot, 4, rue Général Hoche, F-56100 Lorient (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B63C 9/26, F42B 12/68

(11) WO 03/042033 (13) A1

(21) PCT/GB02/05096

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 0127282.2 14 Nov/nov 2001 GB (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • LINKING LINE DEVICE

• DISPOSITIF A CABLE DE LIAISON

(71, 72) **HODGSON, Robin, Barrie** [GB/GB]; Stones House Farm, Edale Road, Hayfield, High Peak SK22 2LL (GB). **WYATT, William, Charles** [GB/GB]; 9 Ashbourne Road, Hazel Grove, Cheshire SK7 6DX (GB).

(74) **QUEST, Barry** et al. / etc.; Wilson Gunn M'Caw, 41-51 Royal Exchange, Cross Street, Manchester M2 7BD (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ B63H 1/04, 5/02

(11) WO 03/042034 (13) A1

(21) PCT/DE02/01032

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 101 55 180.0 12 Nov/nov 2001 DE (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PADDLE-WHEEL PROPULSION FOR FREIGHTERS

• PROPULSION A ROUE A AUBES POUR NAVIRES MARCHANDS

(71, 72) **GRIMMIG, Dieter** [DE/DE]; Kohlhof 4, 69117 Heidelberg (DE).

(74) **PATENT- UND RECHTSANWÄLTE ULLRICH & NAUMANN**; Luisenstrasse 14, 69115 Heidelberg (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 TN TR TT TZ UA UG US
UZ VN YU ZA ZM ZW.

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

(51)⁷ B63H 9/04

(11) WO 03/042035 (13) A1

(21) PCT/SE02/01724

(22) 24 Sep/sep 2002 (24.09.2002)

(25) sv (26) en

(30) 0103168-1 25 Sep/sep 2001 SE
(25.09.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ILLUMINATION DEVICE
• DISPOSITIF D'ECLAIRAGE

(71, 72) SYLVIN, Lars-Erik [SE/SE];
Sandgatan 24 D, S-602 21 Norrköping (SE).

(74) BERGLUND, Erik; Berglunds Patentbyrå
AB, Aspebråten, S-590 55 Sturefors (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 TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B63H 21/22, 25/02, B62D 1/28, G05D 1/02

(11) WO 03/042036 (13) A1

(21) PCT/SE02/02042

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 0103812-4 16 Nov/nov 2001 SE
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • REMOTE CONTROL SYSTEM FOR A
VEHICLE
• SYSTEME DE TELECOMMANDE
POUR VEHICULE

(71) AB VOLVO PENTA [SE/SE]; S-405 08
Göteborg (SE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) ARVIDSSON, Lennart [SE/SE]; Klint-
mossevägen 1, S-428 37 Källered (SE).

(74) FRÖHOFF, Dietmar; Volvo Technologz
Corporation, Corporate Patents, 06820, CTP,
Sven Hultins Gata 9C, 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B64C 1/40

(11) WO 03/042037 (13) A1

(21) PCT/EP02/12565

(22) 11 Nov/nov 2002 (11.11.2002)

(25) de (26) de

(30) 101 55 925.9 14 Nov/nov 2001 DE
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INSULATION PACK AND USE
THEREOF
• PAQUET ISOLANT ET SON UTILISA-
TION

(71) FRAUNHOFER-GESELLSCHAFT ZUR
FÖRDERUNG DER ANGEWANDTEN
FORSCHUNG E.V. [DE/DE]; Leonrod-
strasse 54, 80636 München (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) KÜNZEL, Hartwig [DE/DE]; Adolf-
Kolping-Strasse 51, 83607 Holzkirchen
(DE). HOLM, Andreas [DE/DE]; Ig-
naz-Günther-Strasse 22, 83629 Weyarn
(DE). GROSSKINSKY, Theo [DE/DE];
Abt-Kaspar-Strasse 1, 83607 Holzkirchen
(DE).

(74) PFENNING, MEINIG & PARTNER
GBR; Mozartstrasse 17, 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 OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

(51)⁷ B64G 1/50, G02B 5/08

(11) WO 03/042038 (13) A1

(21) PCT/FR02/03325

(22) 30 Sep/sep 2002 (30.09.2002)

(25) fr (26) fr

(30) 01/12909 8 Oct/oct 2001 FR
(08.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SURFACE OPTICAL REFLECTOR,
FOR SPACE CRAFT SUCH AS A GEO-
STATIONARY SATELLITE

• REFLECTEUR OPTIQUE DE SUR-
FACE, POUR UN ENGIN SPATIAL TEL
QU'UN SATELLITE GEOSTATION-
NAIRE

(71) ALCATEL [FR/FR]; 54, rue La Boétie,
F-75008 Paris (FR).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) MAUREL, Gilles [FR/FR]; 18, rue des
Moulières, F-06110 Le Cannet (FR).

(74) SMITH, Bradford et al. / etc.; Compagnie
Financière Alcatel, DPI, 30, avenue Kléber,
F-75116 Paris (FR).

(81) JP US.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B65B 3/32

(11) WO 03/042039 (13) A1

(21) PCT/FR02/03912

(22) 15 Nov/nov 2002 (15.11.2002)

(25) fr (26) fr

(30) 01/14770 15 Nov/nov 2001 FR
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DEVICE FOR DISPENSING A LIQUID
OR PASTY PRODUCT
• DISPOSITIF DE DISTRIBUTION D'UN
PRODUIT LIQUIDE OU PÂTEUX

(71) ERCA FORMSEAL [FR/FR]; Z.I.de
Courtoboeuf, F-91940 Les Ulis (FR).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) SCHWAB, Dominique [FR/FR]; 8, Pas-
sage Védi Saint Charles, F-78000 Versailles
(FR). COOPER, Timothy [GB/FR]; 24, Rue
Isabeau, F-94240 L'Hay les Roses (FR).

(74) INTES, Didier et al. / etc.; Cabinet Beau de
Lomenie, 158, Rue de l'Université, F-75340
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 EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

Published / Publiée : (c)

(51)⁷ B65B 5/10, 23/02

(11) WO 03/042040 (13) A1

(21) PCT/SE02/01639

(22) 13 Sep/sep 2002 (13.09.2002)

(25) sv (26) en

(30) 0103188-9 24 Sep/sep 2001 SE
(24.09.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND DEVICE FOR LOAD-
ING CARTONS IN A CONTAINER
• PROCEDE ET DISPOSITIF POUR
CHARGER DES CARTONS DANS
UN RECIPIENT

(71) SVENSKA LANTÄGG AB [SE/SE];
Storsvängen 6, S-532 38 Skara (SE).

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

(72, 75) ANDERSSON, Håkan [SE/SE]; Kvarn-
hiden 4, S-532 31 Skara (SE).

(74) HANSSON THYRESSON PATENT-
BYRÅ AB; Box 73, S-201 20 Malmö (SE).

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

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

(51)⁷ B65B 7/01, B65D 30/10, B31B 19/84

(11) WO 03/042041 (13) A1

(21) PCT/SE02/01533

(22) 28 Aug/août 2002 (28.08.2002)

(25) sv (26) en

(30) 0103775-3 14 Nov/nov 2001 SE
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CONTAINER, DEVICE AND METHOD
FOR MANUFACTURING THEREOF

• RECIPIENT, DISPOSITIF ET PROCEDE
DE FABRICATION ASSOCIES

(71) ECO LEAN RESEARCH & DEVELOP-
MENT A/S [DK/DK]; Holbergsgade 14,
DK-1057 Copenhagen K (DK).

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

(72, 75) ROSÉN, Åke [SE/SE]; Langövägen 23,
S-257 30 Rydebäck (SE).

(74) AWAPATENT AB; Box 5117, S-200 714
Malmö (SE).

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

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

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 TN 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 BG CH CY CZ DE DK EE
ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ B65B 37/08, 1/10, 1/30, 9/06, A61J 3/00

(11) WO 03/042042 (13) A1

(21) PCT/JP02/11824

(22) 13 Nov/nov 2002 (13.11.2002)

(25) ja (26) ja

(30) 2001/348895 14 Nov/nov 2001 JP
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MEDICINE FEEDER

• DISTRIBUTEUR DE MEDICAMENTS

(71) YUYAMA MFG. CO., LTD. [JP/JP]; 3-1,
Meishinguchi 3-chome, Toyonaka-shi, Osaka
561-0841 (JP).

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

(72, 75) HASHIMOTO, Hiroshi [JP/JP];
c/o YUYAMA MFG. CO., LTD., 3-1,
Meishinguchi 3-chome, Toyonaka-shi,
Osaka 561-0841 (JP). MINAMI, Tasuku
[JP/JP]; c/o YUYAMA MFG. CO., LTD.,
3-1, Meishinguchi 3-chome, Toyonaka-shi,
Osaka 561-0841 (JP).

(74) AOYAMA, Tamotsu et al. / etc.; AOYAMA
& PARTNERS, IMP Building, 3-7, Shi-
romi 1-chome, Chuo-ku, Osaka-shi, Osaka
540-0001 (JP).

(81) CA CN JP KR NO US.

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

(51)⁷ B65B 55/02, 31/04, 31/02

(11) WO 03/042043 (13) A1

(21) PCT/EP02/11608

(22) 17 Oct/oct 2002 (17.10.2002)

(25) de (26) de

(30) 101 55 757.4 14 Nov/nov 2001 DE
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR CLEANING AND/OR
DISINFECTING THE VACUUM CHAN-
NELS OF A SEALING STATION

• PROCEDE DE NETTOYAGE ET/OU DE
DESINFECTION DES CANAUX D'AS-
PIRATION D'UNE STATION DE SCEL-
LEMENT

(71) CONVENIENCE FOOD SYSTEMS
WALLAU GMBH & CO. KG [DE/DE]; Im
Ruttert, 35216 Biedenkopf-Wallau (DE).

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

(72, 75) SCHMIDT, Herrmann [DE/DE]; Hüt-
tenstr. 32, 57334 Bad Laasphe (DE).

(74) WOLFF, Felix; Kutzenberger & Wolff,
Theodor-Heuss-Ring 23, 59668 Köln (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 TN TR TT TZ UA UG US
UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B65B 61/00, B65D 77/00, B65B 9/06

(11) WO 03/042044 (13) A1

(21) PCT/NL02/00730

(22) 14 Nov/nov 2002 (14.11.2002)

(25) nl (26) en

(30) 1019367 14 Nov/nov 2001 NL
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PACKAGING ASSEMBLY, METHOD
AND DEVICE FOR PRODUCING SUCH
A PACKAGING ASSEMBLY

• ENSEMBLE DE CONDITIONNEMENT,
PROCEDE ET APPAREIL DE PRODUC-
TION DE L'ENSEMBLE DE CONDI-
TIONNEMENT

(71) FA. LANGEVELD & SLEEGERS B.V.
[NL/NL]; Ovenberg 11, NL-5669 DP Mils-
beek (NL).

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

(72, 75) LANGEVELD, Franciscus, Gerardus,
Maria [NL/NL]; Ebbenkamp 1, NL-5669 DP
Milsbeek (NL).

(74) JORRITSMA, Ruurd; Nederlandsch Oct-
trooibureau, 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 SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

(51)⁷ B65C 9/18

(11) WO 03/042045 (13) A1

(21) PCT/EP02/12465

(22) 8 Nov/nov 2002 (08.11.2002)

(25) de (26) de

(30) 101 55 758.2 14 Nov/nov 2001 DE
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DEVICE FOR CYCLICAL WINDING
OF LABEL STRIPS

• DISPOSITIF POUR ENROULER UNE
BANDE D'ETIQUETTES DE MANIERE
CADENCEE

(71) CONVENIENCE FOOD SYSTEMS
WALLAU GMBH & CO. KG [DE/DE]; Im
Ruttert, 35216 Biedenkopf-Wallau (DE).

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

(72, 75) **SIMON, Rainer** [DE/DE]; Eckestrasse 10, 35713 Eschenburg (DE).

(74) **WOLFF, Felix**; Kutzenberger & Wolff, Theodor-Heuss-Ring 23, 50668 Köln (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ B65D

(11) WO 03/042046 (13) A2

(21) PCT/US02/28192

(22) 4 Sep/sep 2002 (04.09.2002)

(25) en (26) en

(30) 10/007,975 13 Nov/nov 2001 US (13.11.2001)

(30) 10/040,549 7 Jan/jan 2002 US (07.01.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A COLLAPSIBLE DEVICE FOR SUPPORTING A DISPOSABLE PLASTIC BAG
• DISPOSITIF DEMONTABLE DE MAINTIEN DE SAC EN PLASTIQUE A JETER

(71, 72) **YARDLEY, Kevin** [US/US]; 40 South 400 East, #78, Mount Pleasant, UT 84647 (US). **YARDLEY, Melvin** [US/US]; 165 South 250 West, Aurora, UT 84620 (US). **YARDLEY, Michael** [US/US]; 40 South 400 East, #78, Mount Pleasant, UT 84647 (US).

(74) **MCKENZIE, David**; Madson & Metcalf, 15 West South Temple, Suite 900, Salt Lake City, UT 84101 (US).

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

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

(51)⁷ B65D

(11) WO 03/042047 (13) A2

(21) PCT/US02/32746

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) 10/047,602 23 Oct/oct 2001 US (23.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ADJUSTABLE LINER RETAINER FOR CONTAINERS

• SYSTEME REGLABLE DE RETENUE DE SACS POUR CONTENEURS

(71, 72) **ROSCOW, Robert, F.** [US/US]; 127 Woodlawn Street, Hamden, CT 06517 (US).

(74) **LINDERMAN, John, C.** 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B65D

(11) WO 03/042048 (13) A2

(21) PCT/US02/34407

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 09/992,917 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • BI-DIRECTIONAL MAGNETIC SAMPLE RACK CONVEYING SYSTEM
• SYSTEME DE TRANSPORT MAGNETIQUE ET BIDIRECTIONNEL DE SUPPORT D'ECHANTILLONS

(71) **DADE BEHRING INC.** [US/US]; 1717 Deerfield Road, Deerfield, IL 60015 (US).

(72) **THOMPSON, David, R.**; 515 Silver Fox Road, Kennett Square, PA 19348 (US). **VIJAY, Tumkur, R.**; 6 Searrett Drive, Newark, DE 19702 (US). **DUNFEE, William, D.**; 536 Penn Manor Drive, Newark, DE 19711 (US). **GILLUND, Daniel, E.**; 1 High Ridge Court, Newark, DE 19711 (US).

(74) **TYMESON, Cynthia, G.** et al. / etc.; Dade Behring Inc., 1717 Deerfield Road, Deerfield, IL 60015 (US).

(81) JP.

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

Declarations / Déclarations :

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

(51)⁷ B65D 5/74, 47/06

(11) WO 03/042049 (13) A1

(21) PCT/FR02/03898

(22) 14 Nov/nov 2002 (14.11.2002)

(25) fr (26) fr

(30) 0127449.7 15 Nov/nov 2001 GB (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • LIQUID CONTAINER AND CLOSURE CAP THEREFOR

• RECIPIENT POUR LIQUIDE ET BOUCHON POUR UN TEL RECIPIENT

(71) **TETRA LAVAL HOLDINGS & FINANCE S.A.** [CH/CH]; Avenue Général-Guisan 70, CH-Pully (CH).

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

(72, 75) **GUILLONET, Michel** [FR/FR]; 102 Cours du Docteur Long, F-69003 Lyon (FR).

(74) **MYON, Gérard**; Cabinet LAVOIX, 62, rue de Bonnel, F-69448 Lyon Cedex 03 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ B65D 6/26

(11) WO 03/042050 (13) A1

(21) PCT/SE02/02039

(22) 7 Nov/nov 2002 (07.11.2002)

(25) sv (26) en

(30) 0103793-6 13 Nov/nov 2001 SE (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR MANUFACTURING A BOX, CONNECTION DEVICE THEREFOR, BOX AND CONNECTION ELEMENT

• PROCEDE DE FABRICATION D'UN RECEPTACLE, DISPOSITIF DE LIAISON, RECEPTACLE ET ELEMENT DE CONNEXION

(71) **FOLDY PAC SKULTUNA AB** [SE/SE]; Box 83, S-730 50 Skultuna (SE).

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

(72, 75) **PFLANZ, Mark** [US/US]; 851, Expressway Dr., Itasca, IL (US).

(74) **GROTH & CO. KB** et al. / etc.; Box 6107, S-102 32 Stockholm (SE).

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

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

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

Declarations / Déclarations :

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

(51)⁷ B65D 19/32, B65H 49/38, B65D 85/04

(11) WO 03/042051 (13) A1

(21) PCT/ES01/00431

(22) 14 Nov/nov 2001 (14.11.2001)

(25) es (26) es

(43) 22 May/mai 2003 (22.05.2003)

(54) • REINFORCED PALLET FOR STEEL
COILS

• PALETTE RENFORCEE POUR BO-
BINES D'ACIER

(71) GRUPO GOITIA HOLDING DE INVER-
SIONES S.L. [ES/ES]; Barrio Bidekurtze
No. 3, E-48498 Arrankudiaga (ES).

(72) BALENCIAGA BANGO, Jorge; Barrio
Bidekurtze No. 3, E-48498 Arrankudiaga
(ES).

(74) ESTEBAN PEREZ-SERRANO, M^a, Is-
abel; Explanada 8, E-28040 Madrid (ES).

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

(51)⁷ B65D 21/00

(11) WO 03/042052 (13) A1

(21) PCT/KR01/01928

(22) 13 Nov/nov 2001 (13.11.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • DOUBLE CUP SEPARABLE INTO UP-
PER AND LOWER SECTIONS

• DOUBLE GOBELET A PARTIES SU-
PERIEURE ET INFERIEURE SEPA-
RABLES

(71, 72) KANG, Sung-Mo [KR/KR]; 547-101
LG APT., Eunbitmaeul, Hwajung-dong,
Dukyang-ku, 412-60 Goyang-si., Ky-
oungki-do (KR).

(74) MOON, Chang-Hoa; Moon & Sun Patent
Law Firm, 2nd Fl., Daegun Building,
Yoksam-dong 822-5, Gangnam-gu, Seoul
135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
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 27/04

(11) WO 03/042053 (13) A2

(21) PCT/EP02/12126

(22) 31 Oct/oct 2002 (31.10.2002)

(25) de (26) de

(30) 101 55 708.6 13 Nov/nov 2001 DE
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • WINDOW ENVELOPE

• ENVELOPPE A FENETRE

(71) BECKER, Helga [DE/DE]; Im Kollenbruch
24, 52078 Aachen (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BECKER, Hubert [DE/DE]; Im Kollen-
bruch 24, 52078 Aachen (DE).

(74) PAUL, Dieter-Alfred et al. / etc.; Hellers-
bergstr. 18, 41460 Neuss (DE).

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

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

(51)⁷ B65D 27/04

(11) WO 03/042054 (13) A1

(21) PCT/EP02/12812

(22) 15 Nov/nov 2002 (15.11.2002)

(25) de (26) de

(30) 201 18 638.1 15 Nov/nov 2001 DE
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DEVICE FOR DESPATCHING ITEMS
SENT BY MAIL

• DISPOSITIF POUR L'EXPEDITION
D'ENVOIS POSTAUX

(71, 72) ANGER, Marius [DE/DE]; Lessenicher
Strasse 1, 53123 Bonn (DE).

(74) WANISCHECK-BERGMANN, Axel;
Köhne, Wanischcheck-Bergmann & Schwarz,
Rondorfer Strasse 5a, 50968 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 EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

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

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les
designations

(t) for all designations / pour toutes les
designations

(u) for / pour US only / seulement

(51)⁷ B65D 30/00, 33/24, 33/28, 75/42

(11) WO 03/042055 (13) A1

(21) PCT/AU02/01553

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) PR 8869 14 Nov/nov 2001 AU
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • BAGS

• SACS

(71) INTERNATIONAL CONSOLIDATED
BUSINESS PTY LTD [AU/AU]; A.C.N.
007 319 299, Level 9, 51 Queen Street, Mel-
bourne, Victoria 3000 (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, Victo-
ria 3006 (AU).

(74) GRIFFITH HACK; 3rd Floor, 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 SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

(51)⁷ B65D 41/26, 47/02, 55/02, B67D 3/04

(11) WO 03/042056 (13) A1

(21) PCT/US02/32949

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) 10/037,569 9 Nov/nov 2001 US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • NON-REMOVABLE DEVICE FOR AT-
TACHING A DISPENSER TO A CON-
TAINER

- DISPOSITIF NON AMOVIBLE PERMETTANT DE FIXER UN DISTRIBUTEUR A UN CONTENANT
- (71) **JOHNSON DIVERSEY, INC.** [US/US]; Neil E. Hamilton, 8310 16th Street, M/S 509, Sturtevant, WI 53177 (US).
- (72) **HUBMANN, Curtis, H.**; 6430 Anforest Lane, Racine, WI 53406 (US). **YOUNG, Matthew, E.**; 38 Chapmans Way, Over, Over, Cambridgeshire CB4 5PZ (GB). **GAINNEY, Simon, R.**; 500 East Lancaster Avenue, Apt. 121C, Wayne, PA 19087 (US). **GERHART, Mark, D.**; 860 Fourseason Road, Westminster, MD 21157 (US).
- (74) **HAMILTON, Neil, E.**; JohnsonDiversey, Inc., 8310 16th Street, M/S 509, Sturtevant, WI 53177 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B65D 45/22, 45/18, 6/24, 6/26
- (11) WO 03/042057 (13) A1
- (21) PCT/SE02/02040
- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) sv (26) en
- (30) 0103794-4 13 Nov/nov 2001 SE (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CONNECTION DEVICE, BOX AND CLAMP
- DISPOSITIF DE LIAISON, BOITE ET BRIDE
- (71) **FOLDY PAC SKULTUNA AB** [SE/SE]; Box 83, S-730 50 Skultuna (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PFLANZ, Mark** [US/US]; 851, Expressway Dr., Itasca, IL (US).
- (74) **GROTH & CO. KB et al.** / etc.; Box 6107, S-102 32 Stockholm (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B65D 53/00, 41/14, 45/00, 43/04, 85/00, 85/48, F16J 15/14, F16L 21/025, 17/03, 17/025, 15/02
- (11) WO 03/042059 (13) A1
- (21) PCT/US02/36638
- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (u) for / pour US only / seulement
-
- (51)⁷ B65D 47/08, 47/14
- (11) WO 03/042058 (13) A2
- (21) PCT/US02/36195
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 60/350,706 13 Nov/nov 2001 US (13.11.2001)
- (30) 60/350,875 22 Jan/jan 2002 US (22.01.2002)
- (30) 60/410,380 13 Sep/sep 2002 US (13.09.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • RECLOSABLE LID WITH CLOSURE PLUG
- COUVERCLE REUTILISABLE DOTE D'UN BOUCHON DE FERMETURE
- (71) **DART CONTAINER CORPORATION** [US/US]; 500 Hogsback Road, Mason, MI 48854 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DART, Robert, C.** [BZ/—]; Dart Management Limited, P.O. Box 31363-SMB, Georgetown, Grand Cayman (KY). **GINGRAS, Ryan, P.** [US/US]; 12371 Bohne Road, Grass Lake, MI 49420 (US). **ATKINS, Todd** [US/US]; 1740 East Columbia, Dansville, MI 48819 (US).
- (74) **DAVIS, Mark, A.**; MC Garry Bair LLP, Suite 600, 171 Monroe Avenue, N.W., Grand Rapids, MI 49503 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B65D 65/02
- (11) WO 03/042060 (13) A1
- (21) PCT/US02/35346
- (22) 6 Nov/nov 2002 (06.11.2002)
- (25) en (26) en
- (30) 10/037,046 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PORTABLE AND DECORATIVE COVER FOR PORTABLE ELECTRIC GRILL
- GAINNE PORTABLE ET DÉCORATIVE POUR GRIL ÉLECTRIQUE PORTABLE
- (71, 72) **ROWAN, Ophelia** [US/US]; 4355 Wedgewood Dr., Copley, OH 44321 (US). **ROWAN, Ronald** [US/US]; 4355 Wedgewood Dr., Copley, OH 44321 (US).
- (74) **GUGLIOTTA, John, D.**; Suite 202, 137 South Main Street, Akron, OH 44308 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

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

Declaration / Déclaration :

(r) for all designations / pour toutes les désignations

(51)⁷ B65D 75/28, 5/32

(11) WO 03/042061 (13) A1

(21) PCT/CH02/00426

(22) 29 Jul/juil 2002 (29.07.2002)

(25) de (26) de

(30) 2087/01 14 Nov/nov 2001 CH (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PACKAGING, IN PARTICULAR FOR GIFTS

• EMBALLAGE, NOTAMMENT POUR CADEAUX

(71) COVER TOM GMBH [CH/CH]; Agnesstrasse 24, CH-8004 Zürich (CH).

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

(72, 75) EIGENMANN, Andreas [CH/CH]; Im Tiergarten 60, CH-8055 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 75/58

(11) WO 03/042062 (13) A2

(21) PCT/EP02/12664

(22) 12 Nov/nov 2002 (12.11.2002)

(25) de (26) de

(30) 201 18 578.4 14 Nov/nov 2001 DE (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PLASTIC-INSERT FOR CONNECTING TO A CONTAINER PART

• PIECE RAPPORTEE EN MATIERE PLASTIQUE A RELIER A UNE PARTIE RECIPIENT

(71) GEORG MENSCHEN GMBH & CO. KG [DE/DE]; Industriestrasse 26, 57413 Finnentrop (DE).

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

(72, 75) MERTENS, Frank [DE/DE]; Hollenbockerstrasse 8, 57413 Finnentrop-Heggen (DE).

(74) SCHMIDT, Horst; Postfach 440 120, 80750 München (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DE (Utility model / modèle d'utilité) DK (Utility model / modèle

d'utilité) DM DZ EC EE ES (Utility model / modèle d'utilité) FI (Utility model / modèle d'utilité) GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL RO RU SD SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ B65D 77/04, 83/06, 88/54, 90/54, 90/62

(11) WO 03/042063 (13) A1

(21) PCT/AU02/01532

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) PR 8807 13 Nov/nov 2001 AU (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A DISCHARGE DOOR PANEL FOR A CONTAINER

• PANNEAU DE PORTE DE DECHARGEMENT DESTINE A UN CONTENEUR

(71, 72) KARPISEK, Ladislav, Stephan [AU/AU]; 92 Woodfield Boulevard, Caringbah, NSW 2229 (AU).

(74) HALLIDAY, Robert; 44 Ashley Street, Hornsby, NSW 2077 (AU).

(81) BR CA CN MX NZ US.

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

(51)⁷ B65D 81/02

(11) WO 03/042064 (13) A1

(21) PCT/US02/30250

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/683,039 12 Nov/nov 2001 US (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • VARIABLE PROFILE CORNER POST

• MONTANT DE COIN A PROFIL VARIABLE

(71) SONOCO DEVELOPMENT, INC. [US/US]; Lawrence E. Renck, North Second Street, Hartsville, SC 29550 (US).

(72) STEBELTON, Gregory; 1412 Nesbitt Lane, Madison, TN 37115 (US).

(74) FASSNACHT, Harold; Bullwinkel Partners, Ltd., 19 S. LaSalle Street, Suite 1300, Chicago, IL 60603 (US).

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

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

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

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

(t) for all designations / pour toutes les désignations

(51)⁷ B65D 81/38

(11) WO 03/042065 (13) A2

(21) PCT/FR02/03859

(22) 12 Nov/nov 2002 (12.11.2002)

(25) fr (26) fr

(30) 01/15326 12 Nov/nov 2001 FR (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • REFRIGERATING PACKAGE

• EMBALLAGE REFRIGERANT

(71) SOGELOG [CH/CH]; 11, rue du Général Dufour, CH-1204 Genève (CH).

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

(72, 75) RIBEIRO, Sylvie [FR/FR]; 769 avenue du Général Leclerc, F-92100 Boulogne (FR).

(74) THIBON LITTAYE, Annick; Cabinet Thibon Littaye, BP 19, F-78164 Marly le Roi 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B65D 83/04, B65B 69/00

(11) WO 03/042066 (13) A1

(21) PCT/GB02/05149

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 0127443.0 15 Nov/nov 2001 GB (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DEVICE FOR DISPENSING FROM A BLISTER PACK

• DISPOSITIF DE DISTRIBUTION D'UN EMBALLAGE-COQUE

- (71) **TEAM HOLDINGS (UK) LIMITED** [GB/GB]; Cokenach, Barkway, Hertfordshire SG8 8DL (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FRY, Andrew, Robert** [GB/GB]; Team Holdings (UK) Limited, Cokenach, Barkway, Hertfordshire SG8 8DL (GB). **SIMPSON, Richard, Iain** [GB/GB]; Team Holdings (UK) Limited, Cokenach, Barkway, Hertfordshire SG8 8DL (GB). **HURLSTONE, Christopher, John** [GB/GB]; Team Holdings (UK) Limited, Cokenach, Barkway, Hertfordshire SG8 8DL (GB). **POCOCK, Andrew, Gordon** [GB/GB]; Team Holdings (UK) Limited, Cokenach, Barkway, Hertfordshire SG8 8DL (GB). **GREENHALGH, Paul** [GB/GB]; Team Holdings (UK) Limited, Cokenach, Barkway, Hertfordshire SG8 8DL (GB). **YOUNG, Matthew, Egerton** [GB/GB]; Team Holdings (UK) Limited, Cokenach, Barkway, Hertfordshire SG8 8DL (GB). **WU, Reuben** [GB/GB]; Team Holdings (UK) Limited, Cokenach, Barkway, Hertfordshire SG8 8DL (GB).
- (74) **ANDREWS, Arthur, Stanley**; 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B65D 83/08**
- (11) **WO 03/042067** (13) A1
- (21) PCT/US02/36232
- (22) **12 Nov/nov 2002 (12.11.2002)**
- (25) en (26) en
- (30) 10/008,842 **13 Nov/nov 2001 US (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCES OF FORMING A VIRTUAL CUTTING EDGE ON A CARTON BLANK, CARTON BLANK AND DISPENSER CARTON COMPRISING THE CUTTING EDGE
- PROCEDE DESTINE A FORMER UN BORD DE COUPE VIRTUEL SUR UNE DECOUPE DE CARTON, DECOUPE DE CARTON ET CARTON DISTRIBUTEUR COMPORTANT CE BORD DE COUPE
- (71) **ADALIS CORPORATION** [US/US]; 417 N.W. 136th Street, Vancouver, WA 98685 (US).
- (72) **BREWSTER, Frederick, H.**; 5902 Tolman Terrace, Madison, WI 53711 (US).
- (74) **SU, Bin et al.** / etc.; 1200 Willow Lake Blvd., Box 64683, St. Paul, MN 55164-0683 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B65D 83/16**
- (11) **WO 03/042068** (13) A1
- (21) PCT/US02/35994
- (22) **8 Nov/nov 2002 (08.11.2002)**
- (25) en (26) en
- (30) 10/010,319 **13 Nov/nov 2001 US (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • AEROSOL DISPENSING VALVE
- VALVE DE DIFFUSION D'AEROSOLS
- (71) **S. C. JOHNSON & SON, INC.** [US/US]; 1525 Howe Street, Racine, WI 53403 (US).
- (72) **PETTERSON, Tor, H.** (deceased / décédé). **KNICKERBOCKER, Michael, G.**; 1596 N. Falcon Drive, St. George, UT 84770 (US). **HOUSER, David, J.**; 3050 Michigan Blvd., Racine, WI 53402 (US).
- (74) **HOUSER, David, J.**; S. C. Johnson & Son, Inc., 1525 Howe Street, Racine, WI 53403 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65D 83/76, 75/58, 75/30**
- (11) **WO 03/042069** (13) A2
- (21) PCT/FR02/03872
- (22) **13 Nov/nov 2002 (13.11.2002)**
- (25) fr (26) fr
- (30) 01/14723 **14 Nov/nov 2001 FR (14.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • FLUID PRODUCT DISPENSER
- DISTRIBUTEUR DE PRODUIT FLUIDE
- (71) **VALOIS SAS** [FR/FR]; B.P. G, Le Prieuré, F-27110 Le Neubourg (FR).
- (72) **DUQUET, Frédéric**; 15, rue Parisot, F-27800 Thibouville (FR). **PENNANEAC'H, Hervé**; Route de Basline, Piseux, F-27130 Verneuil-sur-Avre (FR).
- (74) **CAPRI SARL**; 94, avenue Mozart, F-75016 Paris (FR).
- (81) BR CN JP
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ **B65D 85/32**
- (11) **WO 03/042070** (13) A1
- (21) PCT/KR02/02146
- (22) **16 Nov/nov 2002 (16.11.2002)**
- (25) ko (26) en
- (30) 2001/71567 **17 Nov/nov 2001 KR (17.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • EGGS PACKING CONTAINER USING PAPERBOARD
- BOITE D'OEUF EN CARTON
- (71) **BEONE CNR CO., LTD.** [KR/KR]; 4th Floor, Yurim Bldg., 97-6, Yangjae-dong, Seocho-gu, Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HYUN, Yong, Wook** [KR/KR]; 4th Floor, Yurim Bldg., 97-6, Yangjae-dong, Seocho-gu, Seoul (KR).
- (74) **CHOI, Tae, Chang**; Rm. 503, Sungji Heights 3, 642-6 Yoksam-dong, Kangnam-gu, Seoul 137-717 (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 ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B65D 85/48**
- (11) **WO 03/042071** (13) A1
- (21) PCT/US02/36764
- (22) **14 Nov/nov 2002 (14.11.2002)**
- (25) en (26) en
- (30) 60/332,971 **14 Nov/nov 2001 US (14.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • WAFER CARRIER WITH WAFER RETAINING SYSTEM
- PORTE-TRANCHES ET SYSTEME DE MAINTIEN DE TRANCHES
- (71) **ENTEGRIS, INC.** [US/US]; 3500 Lyman Boulevard, Chaska, MN 55318 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHEESMAN, Shawn** [US/US]; 6782 Boyd Avenue, Eden Prairie, MN 55346 (US). **EGGUM, Shawn, D.** [US/US]; 1458 82nd Street, Victoria, MN 55386 (US).
- (74) **CHRISTENSEN, Douglas, J. et al.** / etc.; Patterson, Thuent, Skaar & Christensen, P.A., 4800 IDS Center, 80 South Eighth Street, Minneapolis, MN 55402-2100 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

- HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B65D 85/90, 81/26, H01L 21/00, H05K
13/00, G01N 13/22
- (11) WO 03/042072 (13) A1
- (21) PCT/SG01/00223
- (22) 19 Oct/oct 2001 (19.10.2001)
- (25) en (26) en
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A BAG
• SAC
- (71) INFINEON TECHNOLOGIES AG
[DE/DE]; St.-Martin-Strasse 53, 81669
Munich (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) SURATTEE, Najib, Khan [SG/SG];
Blk 109, Simei Street 1 #05-718, Singapore
520109 (SG). THANG, Tak, Seng [MA/SG];
Blk 166, Lor 1 Toa Payoh #09-542, Singa-
pore 310166 (SG). LOH, CHee, Ping,
Benedict [SG/SG]; Blk 128 Geylang East
Grove #19-125, Singapore 380128 (SG). NG,
Bee, Ph, Christine [SG/SG]; Blk 772 Bedok
Reser View #18-137, Singapore 470772 (SG).
ONG, Wai, Lian, Jenny [SG/SG]; Blk 468A
Admiralty Drive #10-115, Singapore 751468
(SG). YEONG, Kok, Cheong, Bernard
[SG/SG]; 72 Portchester Avenue, Singapore
556354 (SG). TYE, Ching, Yun [MY/SG];
Blk 165 Toa Payoh Lor 1 #06-556, Singapore
310165 (SG).
- (74) MCCALLUM, Graeme, David et al. / etc.;
Lloyd Wise, Tanjong Pagar, P.O. Box 636,
Singapore 910816 (GB).
- (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 B65D 85/90
- (11) WO 03/042073 (13) A1
- (21) PCT/US02/36407
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/332,687 14 Nov/nov 2001 US
(14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • WAFER SUPPORT ATTACHMENT
FOR A SEMI-CONDUCTOR WAFER
TRANSPORT CONTAINER
• FIXATION DE SUPPORTS DE PLA-
QUETTES POUR UN CONTENANT
DE TRANSPORT DE PLAQUETTES
SEMI-CONDUCTRICES
- (71) ENTEGRIS, INC. [US/US]; 3500 Lyman
Boulevard, Chaska, MN 55318 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) EGGUM, Shawn, D. [US/US]; 6823
Jackson Avenue, Lonsdale, MN 55046 (US).
- (74) CHRISTENSEN, Douglas, J. et al. / etc.;
Patterson, Thuente, Skaar & Christensen,
P.A., 4800 IDS Center, 80 South 8th Street,
Minneapolis, MN 55402-2100 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B65G 15/34, B32B 5/06, B29D 29/06
- (11) WO 03/042074 (13) A1
- (21) PCT/CA02/01750
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 09/986,824 13 Nov/nov 2001 US
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DURABLE BELT DEVICE
• DISPOSITIF DE COURROIE DURABLE
- (71, 72) MICHAUD, Gérard [CA/CA]; 115,
St-Denis, Saint-Lambert, Québec J4P 2G1
(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 SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B65G 21/20
- (11) WO 03/042075 (13) A1
- (21) PCT/SE02/01951
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) sv (26) en
- (30) 0103568-2 26 Oct/oct 2001 SE
(26.10.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • TRANSPORT DEVICE
• DISPOSITIF DE TRANSPORT
- (71) FLEXLINK COMPONENTS AB [SE/SE];
S-415 50 Göteborg (SE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) LUNDIN, Egon [SE/SE]; Getekullsvä-
gen 8, S-433 65 Sävedalen (SE).
RUNDQVIST, Andreas [SE/SE]; Sparrvä-
gen 7, S-448 35 Floda (SE).
- (74) ALBIHNS GÖTEBORG AB; P.O. Box 142,
S-401 22 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B65G 27/20, 27/26, B06B 1/16
- (11) WO 03/042076 (13) A1
- (21) PCT/US02/36948
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) 60/335,921 15 Nov/nov 2001 US
(15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • EXCITER MASS ASSEMBLY FOR A
VIBRATORY DEVICE
• ENSEMBLE MASSE D'EXCITATION
POUR DISPOSITIF VIBRATOIRE
- (71) GENERAL KINEMATICS CORPORA-
TION [US/US]; 777 Lake Zurich Road, P.O.
Box 2010, Barrington, IL 60011 (US).
- (72) KRAUS, Richard, B.; 215 Belling-
ham Drive, Barrington, IL 60010 (US).
STEFFES, Edward, Jr.; 681 Silver Creek
Road, Woodstock, IL 60098 (US). DAW-
SON, David, A.; 1300 Hampton Lane,
Mundelein, IL 60060 (US).
- (74) MATTHIAS, Brent, E.; 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 TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
- (51)⁷ B65G 35/08
- (11) WO 03/042077 (13) A1
- (21) PCT/SE02/01953
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) sv (26) en
- (30) 0103808-2 13 Nov/nov 2001 SE
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A PALLET TYPE TRANSPORT SYS-
TEM

- SYSTEME DE TRANSPORT DE TYPE PALETTE
- (71, 72) **ABRAHAMSSON, Joakim** [SE/SE]; ., Östra Långgatan 81, S-619 33 Trosa (SE).
- (74) **GROTH & CO KB**; Box 6107, S-102 32 Stockholm (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65G 43/08, 47/26**
- (11) **WO 03/042078** (13) A1
- (21) PCT/DK02/00771
- (22) **15 Nov/nov 2002 (15.11.2002)**
- (25) en (26) en
- (30) PA 2001 01707 **16 Nov/nov 2001 DK (16.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CONVEYOR UNIT WITH TIMER CONTROLLED DELAY OF SPEED CHANGE
• CONVOYEUR A RETARD COMMANDE PAR UN SYNCHRONISEUR DE CHANGEMENT DE VITESSE
- (71) **CRISPLANT A/S [DK/DK]**; P.O. Pedersens Vej 10, DK-8200 Århus N (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAPPELGAARD, Søren** [DK/DK]; Otto Sverdrupsvej 5, DK--8200 Århus N (DK).
- (74) **PLOUGMANN & VINGTOFT A/S**; Sundkrogsgade 9, P.O. Box 831, DK-2100 Copenhagen Ø (DK).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65G 47/38, 17/14, 17/32, 47/94**
- (11) **WO 03/042079** (13) A1
- (21) PCT/NL02/00744
- (22) **15 Nov/nov 2002 (15.11.2002)**
- (25) nl (26) en
- (30) 1019373 **15 Nov/nov 2001 NL (15.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • APPARATUS AND TRANSPORT CONTAINER FOR TRANSPORT AND CONTROLLED DISCHARGE OF A LOAD
• APPAREIL ET CONTENEUR DE TRANSPORT PERMETTANT DE TRANSPORTER ET DE DECHARGER UNE CHARGE COMMANDEE
- (71) **EUROSORT B.V. [NL/NL]**; Flevolaan 15C, NL-1382 JX Weesp (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BALK, Wouter** [NL/NL]; Luitenant Generaal Heutzlaan 2, NL-3743 JM Baarn (NL). **HOPMAN, Jozef, Walter, Maria** [NL/NL]; Casparuslaan 310, NL-1382 KP Weesp (NL).
- (74) **JILDERDA, Anne, Ayolt**; P.O. Box 13363, NL-3507 LJ Utrecht (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ **B65H**
- (11) **WO 03/042081** (13) A2
- (21) PCT/US02/35993
- (22) **8 Nov/nov 2002 (08.11.2002)**
- (25) en (26) en
- (30) 10/011,687 **13 Nov/nov 2001 US (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ARTICULATING SEPARATOR
• SEPARATEUR ARTICULE
- (71) **PITNEY BOWES INC.** [US/US]; 1 Elm-croft Road, Stamford, CT 06926 (US).
- (72) **ALLEN, Robert, J.**; 277 River Road, Shelton, CT 06484 (US). **BELEC, Eric, A.**; 495 Bucks Hill Road, Southbury, CT 06488 (US). **FARRELL, Michael, M.**; 46 Stoddard Place, Beacon Falls, CT 06403 (US).
- (74) **MEYER, Robert, E.**; Pitney Bowes Inc., 35 Waterview Drive, Shelton, CT 06484 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ **B65G 47/38, 17/14, 17/32, 47/94**
- (11) **WO 03/042080** (13) A1
- (21) PCT/NL02/00745
- (22) **15 Nov/nov 2002 (15.11.2002)**
- (25) nl (26) en
- (30) 1019372 **15 Nov/nov 2001 NL (15.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • APPARATUS AND TRANSPORT CONTAINER FOR TRANSPORT AND CONTROLLER DISCHARGE OF A LOAD
• DISPOSITIF ET CONTENEUR DE TRANSPORT DESTINES AU TRANSPORT ET AU DECHARGEMENT CONTROLE D'UNE CHARGE
- (71) **EUROSORT B.V. [NL/NL]**; Flevolaan 15C, NL-1382 JX Weesp (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BALK, Wouter** [NL/NL]; Luitenant Generaal Heutzlaan 2, NL-3743 JM Baarn (NL). **HOPMAN, Jozef, Walter, Maria** [NL/NL]; Casparuslaan 310, NL-1382 KP Weesp (NL).
-
- Declaration / Déclaration :
(s) for all designations / pour toutes les désignations
- (51)⁷ **B65H 7/12**
- (11) **WO 03/042082** (13) A1
- (21) PCT/CA02/01622
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) en (26) en
- (30) 2,361,969 **14 Nov/nov 2001 CA (14.11.2001)**
- (30) 2,401,401 **5 Sep/sep 2002 CA (05.09.2002)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A METHOD AND SYSTEM FOR DOUBLE FEED DETECTION

- PROCEDE ET SYSTEME DE DETECTION D'UNE DOUBLE ENTREE
- (71) **OMRON CANADA INC.** [CA/CA]; 885 Milner Avenue, Toronto, Ontario, M1B 5V8 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCICLUNA, Charles Paul** [CA/CA]; 2343 Manor House Crt., Mississauga, Ontario, L5M 5Y3 (CA). **NEAL, Jeffrey, Charles** [CA/CA]; 431 Fern Ridge Crt., Amherstburg, Ontario, N9V 3X1 (CA). **BROWNE, Douglas, Craig** [CA/CA]; 1175 Outram Avenue, Lasalle, Ontario, N9J 3R9 (CA).
- (74) **FASKEN MARTINEAU DUMOULIN LLP**; Box 20, Suite 4200, Toronto-Dominion Centre, Toronto Dominion Bank Tower, Toronto, Ontario M5K 1N6 (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ B65H 16/10
- (11) WO 03/042083 (13) A1
- (21) PCT/US02/31324
- (22) 1 Oct/oct 2002 (01.10.2002)
- (25) en (26) en
- (30) 10/010,952 13 Nov/nov 2001 US (13.11.2001)
- (30) 10/023,477 18 Dec/déc 2001 US (18.12.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SYSTEM AND METHOD FOR SIMULTANEOUSLY UNWINDING MULTIPLE ROLLS OF MATERIAL
- SYSTEME ET PROCEDE DE DEROULEMENT SIMULTANE DE PLUSIEURS BOBINES DE MATERIAU
- (71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).
- (72) **HANSON, John, R.**; 600 East Layton Avenue, Appleton, WI 54915 (US). **SEYMOUR, Robert, J.**; 2413 West Twin Willows Drive, Appleton, WI 54914 (US). **DANIELS, Mike, E.**; 843 Tumblebrook Road, Neenah, WI 54956 (US). **BAGGOT, James, L.**; 848 Nicolet Boulevard, Menasha, WI 54952 (US). **LE VALLEY, Randy**; 464 Hawthorne Street, Neenah, WI 54956 (US). **MARKSMAN, Edward**; 1761 Brighton Beach Road, Menasha, WI 54952 (US). **O'CONNOR, Preston**; N514 Duckaway Court, Appleton, WI 54915 (US). **PIGSLEY, Kenneth**; N1784 Orchid Way, Greenville, WI 54942 (US). **THOMAS, Doulgas, C.**; 1118 East Capitol Drive, Appleton, WI 54911 (US). **GREINER, Jeffrey**; N4189 County Road E, Kaukauna, WI 54130 (US). **GRUBER, David**; W6005 Blazing Star Drive, Appleton, WI 54915 (US). **STORM, Matt**; W5958 Daisy Court, Appleton, WI 54915 (US). **WEILAND, Steve**; 4516 Amberwood Lane, Appleton, WI 54913 (US).
- (74) **CASSIDY, Timothy, A.** et al. / etc.; Dority & Manning, P.A., One Liberty Square, 55 Beattie Place, Suite 1600, Greenville, SC 29601 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ B65H 75/14
- (11) WO 03/042084 (13) A1
- (21) PCT/EP02/12128
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) de (26) de
- (30) 201 18 783.3 17 Nov/nov 2001 DE (17.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • WIND-UP REEL
- BOBINE D'ENROULEMENT
- (71) **HÄFNER & KRULLMANN GMBH** [DE/DE]; Krentrufer Strasse 7-15, 33818 Leopoldshöhe (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HÄFNER, Manfred** [DE/DE]; Friedhofsweg 15, 33818 Leopoldshöhe (DE).
- (74) **DANTZ, Jan** et al. / etc.; Jöllenbecker Strasse 164, 33613 Bielefeld (DE).
- (81) PL US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- (51)⁷ B66B
- (11) WO 03/042085 (13) A2
- (21) PCT/US02/36255
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 10/010,937 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ELEVATOR BELT ASSEMBLY WITH NOISE AND VIBRATION REDUCING GROOVELESS JACKET ARRANGEMENT
- ENSEMBLE COURROIE D'ASCENSEUR AVEC SYSTEME DE GAINESANS SILLON REDUISANT LE BRUIT ET LES VIBRATIONS
- (71) **OTIS ELEVATOR COMPANY** [US/US]; Intellectual Property Department, Ten Farm Springs, Farmington, CT 06032 (US).
- (72) **BARANDA, Pedro, S.**; Apartado 4, 2726-901 Mem Martins (PT). **HOLLOWELL, Richard, L.**; 36 Richardson Drive, Hebron, CT 06248 (US). **PITTS, John, T.**; 102 Parkview Drive, Avon, CT 06001 (US). **O'DONNELL, Hugh, J.**; 289 Converse Street, Longmeadow, MA 01106 (US).
- (74) **O'BRIEN, Sean, W.**; Deputy Intellectual Property Counsel, Ten Farm Springs, Farmington, CT 06032 (US).
- (81) BR CN JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- (51)⁷ B66B 1/04
- (11) WO 03/042086 (13) A1
- (21) PCT/CH02/00599
- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) de (26) de
- (30) 2107/01 16 Nov/nov 2001 CH (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • HYDRAULIC ELEVATOR WITH A PRESSURE ACCUMULATOR AND METHOD FOR CONTROLLING AND ADJUSTING SAID ELEVATOR
- ASCENSEUR HYDRAULIQUE COMPORTANT UN ACCUMULATEUR DE PRESSION ET PROCEDE DE COMMANDE ET REGULATION D'UN TEL ASCENSEUR
- (71) **BUCHER HYDRAULICS AG** [CH/CH]; Industriestrasse 15, CH-6345 Neuheim (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BIRBAUMER, Hugo** [CH/CH]; Windenboden 24, CH-6345 Neuheim (CH). **VON HOLZEN, Richard** [CH/CH]; Staldenstrasse 21, CH-6313 Menzingen (CH).
- (74) **ULRICH, Gerhard, H.**; Brunnenweid 55, CH-5643 Sins (CH).
- (81) AU BA CA CN HR IL JP PL RU SI US.
- (51)⁷ B66B 1/34
- (11) WO 03/042087 (13) A1
- (21) PCT/US02/30544
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 10/037,077 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • POWER LINE USED AS SIGNAL CARRIER FOR ELEVATOR SYSTEM
- CABLES D'ALIMENTATION PORTEURS DE SIGNAUX POUR SYSTEME D'ASCENSEURS
- (71) **OTIS ELEVATOR COMPANY** [US/US]; Intellectual Property Dept., Ten Farm Springs, Farmington, CT 06032 (US).
- (72) **ZERKE, Bruce**; 186 Lancaster Road, Glastonbury, CT 06033 (US). **MORGAN, Robert**; 2 Pond View Road, Bloton, Ct 06043 (US). **Dademade, Bukola S.**; 1500 East Push Wilderness Drive, Tuscon, AZ 85737 (US).

SLABINSKI, Chet; 462 West Hill Road, New Hartford, CT 06057 (US).

(81) CN JP KR.

(84) EP (GB PT SE SK TR).

(51)⁷ B66B 5/02

(11) WO 03/042088 (13) A1

(21) PCT/ES01/00435

(22) 15 Nov/nov 2001 (15.11.2001)

(25) es (26) es

(43) 22 May/mai 2003 (22.05.2003)

(54) • MECHANICAL RESCUE SYSTEM FOR ELEVATORS

• SYSTEME MECANIQUE DE SAUVETAGE POUR ASCENSEUR

(71) MAC PUAR, S.A. [ES/ES]; Leonardo da Vinci, Ta-13, Isla de la Cartuja, Pab MP, E-41092 Sevilla (ES).

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

(72, 75) CONCHELLO MORENO, José, Angel [ES/ES]; Leonardo da Vinci, Ta-13, Isla de la Cartuja, Pab MP, E-41092 Sevilla (ES).

(74) ESTEBAN PEREZ-SERRANO, M^a, Isabel; Explanada 8, E-28040 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 B66B 7/00, 7/06

(11) WO 03/042089 (13) A1

(21) PCT/JP02/09518

(22) 17 Sep/sep 2002 (17.09.2002)

(25) ja (26) ja

(30) 2001/349552 15 Nov/nov 2001 JP (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ELEVATOR

• ASCENSEUR

(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) TERAMOTO, Takashi [JP/JP]; c/o Mechanical Engineering Research Laboratory, HITACHI, LTD., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). FUJINO, Atsuya [JP/JP]; c/o Building Systems, HITACHI, LTD., 1070, Ichige, Hitachinaka-shi, Ibaraki 312-0033 (JP). NAGASE, Hiroshi [JP/JP]; c/o Building Systems, HITACHI, LTD., 1070, Ichige, Hitachinaka-shi, Ibaraki 312-0033 (JP). MIYATA, Kouichi [JP/JP]; c/o Building Systems, HITACHI, LTD., 1070, Ichige, Hitachinaka-shi, Ibaraki 312-0033 (JP). INABA, Hiromi [JP/JP]; c/o Hitachi Research Laboratory, HITACHI,

LTD., 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP). OMIYA, Akihiro [JP/JP]; c/o Building Systems, HITACHI, LTD., 1070, Ichige, Hitachinaka-shi, Ibaraki 312-0033 (JP).

(74) ASAMURA, Kiyoshi et al. / etc.; Room 331, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(81) CN KR SG US.

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

(51)⁷ B66B 11/00

(11) WO 03/042090 (13) A1

(21) PCT/ES01/00436

(22) 15 Nov/nov 2001 (15.11.2001)

(25) es (26) es

(43) 22 May/mai 2003 (22.05.2003)

(54) • ELEVATOR CONFIGURATION WITH THE MACHINE DISPOSED INSIDE THE SHAFT

• CONFIGURATION D'ASCENSEUR PERMETTANT DE POSITIONNER LA MACHINE A L'INTERIEUR DE LA CAVITE

(71) MAC PUAR, S.A. [ES/ES]; Leonardo Da Vinci, Ta-13, Isla de la Cartuja Pab.MP, E-41092 Sevilla (ES).

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

(72, 75) CONCHELLO MORENO, José, Angel [ES/ES]; Leonardo Da Vinci, Ta-13, Isla de la Cartuja Pab.MP, E-41092 Sevilla (ES).

(74) ESTEBAN PEREZ-SERRANO, M^a, Isabel; Explanada 8, E-28040 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 B67D 3/00

(11) WO 03/042091 (13) A1

(21) PCT/EP02/12706

(22) 13 Nov/nov 2002 (13.11.2002)

(25) de (26) de

(30) 201 18 605.5 16 Nov/nov 2001 DE (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • BEVERAGE DISPENSER

• DISTRIBUTEUR DE BOISSON

(71, 72) LAZAR, Peter [DE/DE]; Linneplatz 3, 41466 Neuss (DE).

(74) PAUL, Dieter, Alfred et al. / etc.; Hellersbergstr. 18, 41460 Neuss (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model

/ modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ B67D 5/08, A01G 27/00, A62C 31/00, 35/00, 2/00, 3/00, 25/00, B05B 1/30, G01N 33/00, 15/06

(11) WO 03/042092 (13) A1

(21) PCT/US02/35856

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 60/348,109 9 Nov/nov 2001 US (09.11.2001)

(30) 09/989,783 20 Nov/nov 2001 US (20.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND SYSTEM FOR TESTING FOAM-WATER FIRE PROTECTION SYSTEMS

• PROCEDE ET SYSTEME D'ESSAI DE SYSTEMES DE PROTECTION CONTRE L'INCENDIE

(71, 72) BOYLE, Thomas [US/US]; 6987 Feder Road, Galloway, OH 43119 (US).

(74) FICKLER, Debra; Law Office of Debra J. Fickler, 12525 Grandview Drive, Huntley, IL 60142-9501 (US).

(81) CA.

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

Declaration / Déclaration :

(r) for the following designations / pour les désignations suivantes : CA EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(51)⁷ B67D 5/56, B65D 35/56, 35/08, 35/14, 35/16

(11) WO 03/042093 (13) A1

(21) PCT/US02/22427

(22) 15 Jul/juil 2002 (15.07.2002)

(25) en (26) en

(30) 60/332,463 9 Nov/nov 2001 US (09.11.2001)

(30) 10/037,295 21 Dec/déc 2001 US (21.12.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FLEXIBLE PLASTIC CONTAINER

• CONTENANT EN PLASTIQUE FLEXIBLE

(71) DAVID S. SMITH PACKAGING LIMITED [US/US]; 737 Oakridge Drive, Romeville, IL 60446 (US).

(72) **WILFORD, Michael**; 5414 Challen Place, Downers Grove, IL 60515 (US).

(74) **FUCHS, Joseph, A.**; Bell, Boyd & Lloyd LLC, P.O. Box 1135, Chicago, IL 60690-1135 (US).

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

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

(51)⁷ **B81B 7/04, 7/02, 7/00**

(11) **WO 03/042094** (13) A2

(21) PCT/US02/35890

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 60/344,467 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MULTI-CHIP MODULE INTEGRATING MEMS MIRROR ARRAY WITH ELECTRONICS

• MODULE MULTIPUCE COMPRENANT UN RESEAU DE MIROIRS MEMS A ELEMENTS ELECTRONIQUES

(71) **MOVAV NETWORKS, INC.** [—/US]; One Technology Parkway South, Norcross, GA 30092 (US).

(72) **BHATTARAI, Amal**; 3232 Tacoma Narrows Street, West Sacramento, CA 95691 (US). **RAJAN, Narayanan**; 823 Ponce De Leon Terrace NE, Atlanta, GA 30306 (US).

(74) **GUENZER, Charles, S.**; Law Offices of Charles Guenger, 2211 Park Boulevard, P.O. Box 60729, 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

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

(51)⁷ **C01B**

(11) **WO 03/042095** (13) A2

(21) PCT/FR02/03845

(22) 8 Nov/nov 2002 (08.11.2002)

(25) fr (26) fr

(30) 01/14591 12 Nov/nov 2001 FR (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PREPARING PHOSPHORUS TRIBROMIDE (PBR₃)

• PROCEDE DE PREPARATION DU TRIBROMURE DE PHOSPHORE (PBr₃)

(71) **ATOFINA** [FR/FR]; 4-8, cours Michelet, F-92800 Puteaux (FR).

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(72, 75) **COMMANDEUR, Raymond** [FR/FR]; Le Rocher, Avenue de Vénaria, F-38220 Vizille (FR). **DRIVON, Gilles** [FR/FR]; 3, rue Jouany Corbière, F-69850 Saint-Martin-en-Haut (FR). **GILLET, Jean-Philippe** [FR/FR]; 39, rue du Garel, F-69530 Brignais (FR).

(74) **POISSON, Pierre**; Atofina, Département Propriété Industrielle, 4-8, cours Michelet-La Défense 10, F-92091 Paris La Défense 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 TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

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

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 TN 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ **C01B 3/10**

(11) **WO 03/042096** (13) A1

(21) PCT/US02/37320

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/337,878 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • AQUEOUS BOROHYDRIDE COMPOSITIONS

• COMPOSITIONS AQUEUSES DE BOROHYDRURE

(71) **MONTGOMERY CHEMICALS, LLC** [US/US]; 901 Conshohocken Road, Conshohocken, PA 19428 (US).

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(72, 75) **LUMSDEN, Charles, A.** [US/US]; 1021 Eaglewood Way, Greensboro, GA 30642 (US). **EVANS, Thomas, Hugh** [US/US]; 191 Greenhill Road, Barto, PA 19504 (US).

(74) **SLUZAS, Alex, R. et al. / etc.**; Paul and Paul, 2900 Two Thousand Market Street, Philadelphia, PA 19103 (US).

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

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

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(51)⁷ **C01B 3/38, 3/32, 3/48, 3/58, B01J 19/00**

(11) **WO 03/042097** (13) A1

(21) PCT/JP02/11079

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 2001-350997 16 Nov/nov 2001 JP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FUEL REFORMING SYSTEM AND CONTROL THEREFOR

• SYSTÈME DE REFORMAGE D'ES- SENCES ET DISPOSITIF DE COMMANDE

(71) **NISSAN MOTOR CO., LTD.** [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0023 (JP).

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(72, 75) **KAMIJO, Motohisa** [JP/US]; 15D Thistle Way, East Windsor, CT 06088 (US).

(74) **GOTO, Masaki**; Shoyu-Kaikan, 3-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN KR US.

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

(51)⁷ **C01B 25/37, B01J 20/02, 20/28, A61K 33/42, C01G 25/00**

(11) **WO 03/042098** (13) A1

(21) PCT/US02/29978

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 09/993,737 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • GRANULAR ZIRCONIUM PHOSPHATE AND METHODS FOR SYNTHESIS OF SAME

• PHOSPHATE DE ZIRCONIUM GRANULAIRE ET PROCEDES DE SYNTHÈSE DE CELUI-CI

(71) **BAXTER INTERNATIONAL INC.** [US/US]; One Baxter Parkway, DF3-3E, Deerfield, IL 60015 (US).

(72) **HAI, Ton That**; 12 N. Waterford Drive, Round Lake, IL 60073 (US). **SANDERS,**

Paul; 5240 Oakton Lane, Greendale, WI 53129 (US). **NORDHAUS, Mark**; 413 Banbury Road, Mundelein, IL 60060 (US). **KAROOR, Sujatha**; 29644 North Birch Avenue, Lake Bluff, IL 60044 (US). **JIANG, Cong**; 5276-D George Court, Gurnee, IL 60031 (US). **MELNICK, Ben**; 3040 W. Chase, Chicago, IL 60645 (US).

(74) **KELLY, Paula**; Baxter Healthcare Corporation, One Baxter Parkway, DF3-3E, Deerfield, IL 60015 (US).

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

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

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(51)⁷ C01B 31/02

(11) WO 03/042099 (13) A1

(21) PCT/JP02/11784

(22) 12 Nov/nov 2002 (12.11.2002)

(25) ja (26) ja

(30) 2001-346418 12 Nov/nov 2001 JP (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PREPARING FUNCTIONAL NANO-MATERIAL UTILIZING ENDOTHERMIC REACTION
• PROCEDE DE PREPARATION D'UNE NANOMATIÈRE FONCTIONNELLE AU MOYEN D'UNE REACTION ENDOTHERMIQUE

(71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 4-1-8, Hon-cho, Kawaguchi-shi, Saitama 332-0012 (JP). NATIONAL INSTITUTE FOR MATERIALS SCIENCE [JP/JP]; 1-2-1, Sengen, Tsukuba-shi, Ibaraki 305-0047 (JP).
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(72, 75) **MITSUMI, Tadashi** [JP/JP]; c/o National Institute for Materials Science, 1-2-1, Sengen, Tsukuba-shi, Ibaraki 305-0047 (JP). **SEKIGUTI, Takafumi** [JP/JP]; c/o National Institute for Materials Science, 1-2-1, Sengen, Tsukuba-shi, Ibaraki 305-0047 (JP). **GAMO, Mika** [JP/JP]; 2-114-103, Namiki, Tsukuba-shi, Ibaraki 305-0044 (JP). **ZHANG, Yafei** [CN/JP]; c/o National Institute for Materials Science, 1-2-1, Sengen, Tsukuba-shi, Ibaraki 305-0047 (JP). **ANDO, Toshihiro** [JP/JP]; c/o National Institute for Materials Science, 1-2-1, Sengen, Tsukuba-shi, Ibaraki 305-0047 (JP).

(74) **HIRAYAMA, Kazuyuki**; 6th Floor, Shinjuku-gyoen Bldg., 2-3-10, Shinjuku, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) US.

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

(51)⁷ C01B 33/025

(11) WO 03/042100 (13) A1

(21) PCT/NO02/00409

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 20015596 16 Nov/nov 2001 NO (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND REACTOR FOR PRODUCTION OF SILICON
• PROCEDE ET REACTEUR DE PRODUCTION DE SILICIUM

(71) **ELKEM ASA** [NO/NO]; Hoffsvæien 65B, N-0377 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AUNE, Jan, Arthur** [NO/NO]; Svenskerudbakken 16, N-1914 Ytre Enebakk (NO). **BRINCH, Jon, Christian** [NO/NO]; Tennisveien 3E, N-0777 Oslo (NO).

(74) **VINDENES, Magne**; Elkem ASA Patent Dept., P.O. Box 8040 Vågsbygd, N-4675 Kristiansand (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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C01B 39/00

(11) WO 03/042101 (13) A2

(21) PCT/US02/36815

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 60/335,417 15 Nov/nov 2001 US (15.11.2001)

(30) 60/387,945 12 Jun/juin 2002 US (12.06.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • TS-PQ TITANO-SILICATE MOLECULAR SIEVES AND METHODS FOR SYNTHESIS AND USE THEREOF
• TAMIS MOLECULAIRES TS-PQ AU TITANO-SILICATE ; PROCEDES DE SYNTHÈSE ET UTILISATION

(71) **PQ HOLDING, INC.** [US/US]; 103 Springer Building, 3411 Silverside Road, Wilmington, DE 19810 (US).

(72) **HALASZ, Istvan**; 1004 River's Edge Drive, Colledgeville, PA 19426 (US). **HINCHEY, Richard, J.**; 123 Inverrary Drive, Blue Bell, PA 19422 (US). **SENDEROV, Ernest**; 42 Spruce Street, Jamesburg, NJ 08831 (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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ C01C 1/00, B01D 5/00, F25B 43/02

(11) WO 03/042102 (13) A1

(21) PCT/EP02/12000

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 60/335,366 15 Nov/nov 2001 US (15.11.2001)

(30) 10/119,021 10 Apr/avr 2002 US (10.04.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PROCESS TO PRODUCE NEARLY OIL FREE COMPRESSED AMMONIA AND SYSTEM TO IMPLEMENT IT
• PROCEDE DE PRODUCTION D'AMMONIAC COMPRIME QUASIMENT SANS HUILE ET SYSTEME DE MISE EN OEUVRE DE CELUI-CI

(71, 72) **ZIMMERN, Bernard** [FR/US]; 6 New Street, East Norwalk, CT 06855 (US).

(72) **PICOUET, Jean-Louis**; 1613, Legend Hill Lane, Waukesha, WI 53189 (US).

(74) **GEISMAR, Thierry**; Bouju Derambure Bugnion, 52, rue de Monceau, 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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ C01F 11/18, C08K 9/04, C08L 101/00, C09K 3/10

(11) WO 03/042103 (13) A1

(21) PCT/JP02/11475

(22) 1 Nov/nov 2002 (01.11.2002)

(25) ja (26) ja

(30) 2001-351149 16 Nov/nov 2001 JP (16.11.2001)

(30) 2002-216217 25 Jul/juil 2002 JP (25.07.2002)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • SURFACE-TREATED CALCIUM CARBONATE, METHOD FOR PRODUCTION THEREOF AND RESIN COMPOSITION COMPRISING SAID CALCIUM CARBONATE
- CARBONATE DE CALCIUM TRAITE EN SURFACE, PROCEDE PERMETTANT SA PRODUCTION ET COMPOSITION DE RESINE COMPRENANT LEDIT CARBONATE DE CALCIUM
- (71) MARUO CALCIUM COMPANY LIMITED [JP/JP]; 1455, Nishioka, Uozumi-cho, Akashi-shi, Hyogo 674-0084 (JP).
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- (72, 75) KASAHARA, Hidemitsu [JP/JP]; c/o Maruo Calcium Company Limited, 1455, Nishioka, Uozumi-cho, Akashi-shi, Hyogo 674-0084 (JP). HAYASHI, Yusuke [JP/JP]; c/o Maruo Calcium Company Limited 1455, Nishioka, Uozumi-cho, Akashi-shi, Hyogo 674-0084 (JP). TAKAHASHI, Yoichi [JP/JP]; c/o Maruo Calcium Company Limited, 1455, Nishioka, Uozumi-cho, Akashi-shi, Hyogo 674-0084 (JP). SHIMIZU, Seiya [JP/JP]; c/o Maruo Calcium Company Limited 1455, Nishioka, Uozumi-cho, Akashi-shi, Hyogo 674-0084 (JP). TAKIYAMA, Shigeo [JP/JP]; c/o Maruo Calcium Company Limited 1455, Nishioka, Uozumi-cho, Akashi-shi, Hyogo 674-0084 (JP). FUKUMOTO, Katsunori [JP/JP]; c/o Maruo Calcium Company Limited, 1455, Nishioka, Uozumi-cho, Akashi-shi, Hyogo 674-0084 (JP).
- (74) ITAMI, Kenji; Daisan Bldg., 2-4, Nishitenma, 3-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C01F 11/18, D21H 17/67
(11) WO 03/042104 (13) A1
(21) PCT/US02/35639
(22) 7 Nov/nov 2002 (07.11.2002)
(25) en (26) en
(30) 60/331,176 9 Nov/nov 2001 US (09.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • HIGH SURFACE AREA INCINERATION PRODUCT
- PRODUIT D'INCINERATION A SURFACE ETENDUE
- (71) IMERYS PIGMENTS, INC. [US/US]; 100 Mansell Court East, Suite 300, Roswell, GA 30076 (US).
- (72) LYONS, Anthony, V.; 140 Saddle Run Court, Macon, GA 31210 (US). SKUSE, David; 178 Walden Road, Sandersville, GA 31210 (US). JOHNSON, Stacey; Route 1, Box 1620, Cochran, GA 31014 (US). PHIPPS, Jonathan; St. Austell, Cornwall PL25 3UW (GB).
- (74) GARRETT, Arthur, S.; Finnegan, Henderson, Farrahaw 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C01G 15/00, 19/00, H01B 5/14, 5/00, 1/20
(11) WO 03/042105 (13) A1
(21) PCT/JP02/11861
(22) 14 Nov/nov 2002 (14.11.2002)
(25) ja (26) ja
(30) 2001-352092 16 Nov/nov 2001 JP (16.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • INDIUM PARTICLE CONTAINING TIN, METHOD FOR PRODUCING THE SAME AND ELECTROCONDUCTIVE SHEET COMPRISING THE SAME
- PARTICULES D'INDIUM CONTENANT DE L'ETAIN, PROCEDE DE PRODUCTION ASSOCIE ET FEUILLE ELECTROCONDUCTRICE CONTENANT LESDITES PARTICULES
- (71) HITACHI MAXELL, LTD. [JP/JP]; 1-88, Ushitora 1-chome, Ibaraki-shi, Osaka 567-8567 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KISHIMOTO, Mikio [JP/JP]; 10-18, Matsumaedai 7-chome, Moriya-shi, Ibaraki 302-0102 (JP). KASAJIMA, Nobuko [JP/JP]; 2-3-37-303, Baba, Nagaokakyo-shi, Kyoto 617-0828 (JP). SAWAKI, Yuko [JP/JP]; Room 305, Satsuki-ryo, 1, Koizumi, Oyamazaki-cho, Otokuni-gun, Kyoto 618-0000 (JP). OTANI, Noriaki [JP/JP]; 10-131, Onoharagishi 2-chome, Minoh-shi, Osaka 562-0031 (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 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C01G 49/00, C09C 1/22, C02F 1/72
(11) WO 03/042106 (13) A1
(21) PCT/FR02/03835
(22) 8 Nov/nov 2002 (08.11.2002)
(25) fr (26) fr
(30) 01/14845 16 Nov/nov 2001 FR (16.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR PREPARING ALKALI METAL FERRATES AND NOVEL ALKALI METAL FERRATE GRANULES
- PROCEDE DE PREPARATION DE FERRATES DE METAUX ALCALINS ET NOUVEAUX GRANULES DE FERRATES DE METAUX ALCALINS
- (71) COVALSUD SARL [FR/FR]; N°9 Le Pré d'Alliot, F-40390 Saint Martin de Seignanx (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KNEIP, Alain [FR/FR]; 9 Le Pré d'Alliot, F-40390 Saint Martin de Seignanx (FR). CARIOU, Jean [FR/FR]; 153, rue Bahinos, F-64600 Anglet (FR). CASTETBON, Alain [FR/FR]; Avenue du Stade, F-64390 Sauveterre de Bearn (FR).
- (74) RINUY, SANTARELLI; 14, avenue de la Grande Armée, B.P.237, F-75822 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C02F 1/00, B01D 35/00
(11) WO 03/042107 (13) A2
(21) PCT/GB02/05100
(22) 12 Nov/nov 2002 (12.11.2002)
(25) en (26) en
(30) 0127128.7 12 Nov/nov 2001 GB (12.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • WATER FILTER CARTRIDGE
- CARTOUCHE DE FILTRE A EAU
- (71) AVILION LIMITED [GB/GB]; Unit 8, Orwell Close, Fairview Industrial Park, Manor Way, Rainham, Essex RM13 8UB (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROWE, Greg, Norman [GB/GB]; Avilion Engineers Unit, A8 Orwell Close, Fairview Industrial Estate, South Manor Way, Rainham, Essex RM13 8UB (GB). PERRIN, Robert, Brian [GB/GB]; 7 Willow Close,

- Elm Park, Hornchurch, Essex RM12 4QR (GB).
- (74) LUCKHURST, Anthony, Henry, William; Marks & Clerk, 57-60 Lincolns Inn Fields, London WC2A 3LS (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C02F 1/24, 1/56
- (11) WO 03/042108 (13) A1
- (21) PCT/JP02/11879
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) ja (26) ja
- (30) 2001-348819 14 Nov/nov 2001 JP (14.11.2001)
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- (30) 2002-88972 27 Mar/mar 2002 JP (27.03.2002)
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- (30) 2002-170292 11 Jun/juin 2002 JP (11.06.2002)
- (30) 2002-178609 19 Jun/juin 2002 JP (19.06.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD OF FLOATATION SEPARATION TREATMENT OF RAW WATER
- PROCEDE DE TRAITEMENT DE SEPARATION PAR FLOTTATION D'UNE EAU BRUTE
- (71) EBARA CORPORATION [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KATAOKA, Katsuyuki [JP/JP]; 36-2, Tsutsumi, Chigasaki-shi, Kanagawa 253-0006 (JP). SHIMAMURA, Kazuaki [JP/JP]; 5-3-12-206, Dai, Kamakura-shi, Kanagawa 247-0061 (JP). TANAKA, Toshihiro [JP/JP]; 181-18-W1011, Kawana, Fujisawa-shi, Kanagawa 251-0015 (JP). KABUTO, Takayuki [JP/JP]; 2-13-8, Katsuradai, Aoba-ku, Yokohama-shi, Kanagawa 227-0034 (JP). OTSU, Takeshi [JP/JP]; 1-1-7-205, Ryokuen, Izumi-ku, Yokohama-shi, Kanagawa 245-0002 (JP).
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- (81) CN JP KR US.
- (84) EP (DE FR GB).
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- (51)⁷ C02F 1/34
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- (22) 8 Nov/nov 2002 (08.11.2002)
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- (30) 101 55 161.4 12 Nov/nov 2001 DE (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND DEVICE FOR THE TREATMENT OF EFFLUENT, SLUDGE AND ORGANIC SUBSTRATES
- PROCEDE ET DISPOSITIF DE TRAITEMENT DE SUBSTRATS ORGANIQUES, DE BOUES RESIDUAIRES ET D'EAUX USEES
- (71) EMU UNTERWASSERPUMPEN GMBH [DE/DE]; Heimgartenstrasse 1, 95030 Hof (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHMID, Andreas [DE/DE]; Ödschönlind 8, 95703 Plössberg (DE). GEIER, Wolfgang [DE/DE]; Lerchenberg 3, 95030 Hof (DE).
- (74) WALCHER, Armin; Louis, Pöhlau, Lohrenz & Segeth, Postfach 30 55, 90014 Nürnberg (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 03/042110 (13) A1
- (21) PCT/JP02/10489
- (22) 9 Oct/oct 2002 (09.10.2002)
- (25) ja (26) ja
- (30) 2001-349128 14 Nov/nov 2001 JP (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD OF REUSING FOOD FACTORY PROCESS WATER
- PROCEDE DE REUTILISATION D'EAU PROVENANT D'UNE USINE ALIMEN-TAIRE
- (71) ORGANO CORPORATION [JP/JP]; 2-8, Shinsuna 1-chome, Koto-ku, Tokyo 136-8631 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAWABATA, Masahiro [JP/JP]; c/o ORGANO CORPORATION, 2-8, Shinsuna 1-chome, Koto-ku, Tokyo 136-8631 (JP). OBU, Akifumi [JP/JP]; c/o ORGANO CORPORATION, 2-8, Shinsuna 1-chome, Koto-ku, Tokyo 136-8631 (JP).
- (74) YOSHIDA, Kenji et al. / etc.; 34-12, Kichijo-ji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C02F 1/461
- (11) WO 03/042111 (13) A2
- (21) PCT/ZA02/00176
- (22) 13 Nov/nov 2002 (13.11.2002)
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- (30) 01/9329 13 Nov/nov 2001 ZA (13.11.2001)
- (30) 01/9330 13 Nov/nov 2001 ZA (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • AN ELECTROCHEMICAL ACTIVATION SYSTEM SUITABLE FOR PRODUCING ELECTROCHEMICALLY-ACTIVATED SOLUTIONS THROUGH USE OF AN ELECTROLYTIC CELL EXCHANGE MODULE
- SYSTEME D'ACTIVATION ELECTROCHIMIQUE PERMETTANT DE PRODUIRE DES SOLUTIONS ACTIVES ELECTROCHIMIQUEMENT AU MOYEN D'UN MODULE D'ECHANGE POUR CELLULES ELECTROLYTIQUES
- (71) RADICAL WATERS (IP) (PTY) LIMITED [ZA/ZA]; No 3/ 458 West Street, Glen Austin Ext. 3, 1685 Midrand (ZA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RAWHANI, Suha [ZA/ZA]; 10 David Street, Floracliff, 1709 Rodepoort (ZA). VILJOEN, Jacobus, Johannes [ZA/ZA]; 1097 Regatta Road, 1962 Henley-on-Klip (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C02F 1/461
- (11) WO 03/042112 (13) A1
- (21) PCT/ZA02/00177
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 01/9327 13 Nov/nov 2001 ZA (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ELECTROCHEMICALLY ACTIVATED CARBONATE AND BICARBONATE SALT SOLUTIONS
- CARBONE ACTIVE ELECTROCHIMIQUEMENT ET SOLUTIONS DE SEL DE BICARBONATE
- (71) RADICAL WATERS (IP) (PTY) LIMITED [ZA/ZA]; No 3/ 458 West Street, Glen Austin Ext. 3, 1685 Midrand (ZA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RAWHANI, Suha [ZA/ZA]; 10 David Street, Floraclyff, 1709 Roodepoort (ZA).
VILJOEN, Jacobus, Johannes [ZA/ZA]; 1097 Regatta Road, 1962 Henley-on-Klip (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C02F 3/00
- (11) WO 03/042113 (13) A1
- (21) PCT/US02/35553
- (22) 6 Nov/nov 2002 (06.11.2002)
- (25) en (26) en
- (30) 60/345,522 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PRODUCTION OF CELL SUSPENSIONS
- PRODUCTION DE SUSPENSIONS CELLULAIRES
- (71) VIACELL, INC. [US/US]; One Innovation Drive, Worcester, MA 01605 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KRAUS, Morey [US/US]; 109 Moscow Road, Jefferson, MA 01522 (US). PANG, Lizhen [US/US]; 6040 N. Camino Padre Isidoro, Tucson, AZ 85718 (US).
- (74) LEBER, Celia, H.; 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C02F 3/06, 3/30, 3/32
- (11) WO 03/042114 (13) A1
- (21) PCT/US02/36453
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (30) 60/333,203 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • INTEGRATED HYDROPONIC AND FIXED-FILM WASTEWATER TREATMENT SYSTEMS AND ASSOCIATED METHODS
- SYSTEMES DE TRAITEMENT DES EAUX USEES INTEGRES, PAR HYDROPONIE ET SUR COUCHE FIXE ET PROCÉDES ASSOCIES
- (71) IASIS USA, LC [US/US]; 14 South Swinton Avenue, Delray Beach, FL 33444 (US).
- (72) AUSTIN, David, C.; P.O. Box 2937, Taos, NM 87571 (US). MACIOLEK, David, J.; 555 Este Es Road, Ranchos de Taos, NM 87557 (US).
- (74) HARTT, Jacqueline, E. et al. / etc.; 255 S. Orange Avenue, Suite 1401, P.O. Box 3791, Orlando, FL 32802-3791 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C02F 3/28, 11/04
- (11) WO 03/042116 (13) A1
- (21) PCT/JP02/11880
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) ja (26) ja
- (30) 2001-350063 15 Nov/nov 2001 JP (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ANAEROBIC TREATMENT APPARATUS
- APPAREIL DE TRAITEMENT ANAEROBIE
- (71) EBARA CORPORATION [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HONMA, Yasuhiro [JP/JP]; 2-1-29-412, Zengyozaka, Fujisawa-shi, Kanagawa 251-0876 (JP). TANAKA, Toshihiro [JP/JP]; 181-18-1011, Kawana, Fujisawa-shi, Kanagawa 251-0015 (JP).
- (74) SHAMOTO, Ichio et al. / etc.; YUASA AND HARA, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

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

(51)⁷ C02F 3/28, 3/34, C05F 1/00, 1/00, 7/00

(11) WO 03/042117 (13) A1

(21) PCT/US01/45224

(22) 30 Nov/nov 2001 (30.11.2001)

(25) en (26) en

(30) 09/963,130 24 Sep/sep 2001 US
(24.09.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INTEGRATED ANAEROBIC DIGESTER SYSTEM
• SYSTEME DIGESTEUR ANAEROBIE INTEGRE

(71, 72) AINSWORTH, Jack, L. [US/US]; 2419 VZ CR 2318, Canton, TX 75103 (US). ATWOOD, Dan [US/US]; 2746 Lighthouse Dr., Nassau Bay, TX 77058 (US). RIDEOUT, Tom [US/US]; 4106 S. CR 1185, Midland, TX 79706 (US).

(74) MATOS, Rick; Innovar, L.L.C., P.O. Box 250647, Plano, TX 75025-0647 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 C02F 3/34

(11) WO 03/042118 (13) A1

(21) PCT/JP01/09886

(22) 12 Nov/nov 2001 (12.11.2001)

(25) ja (26) ja

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND DEVICE FOR PURIFYING WATER
• PROCEDE ET DISPOSITIF DE PURIFICATION D'EAU

(71, 72) TAKADA, Shunsuke [JP/JP]; 22-5, Kakinokizaka 1-chome, Meguro-ku, Tokyo 152-0022 (JP).

(74) Takahashi, Mitsuo; 3-3, Higashigotanda 2-chome, Shinagawa-ku Tokyo 141-0022 (JP).

(81) AU BR CA CN KR MX NZ RU SG 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 C03B 5/183

(11) WO 03/042119 (13) A1

(21) PCT/CZ02/00063

(22) 15 Nov/nov 2002 (15.11.2002)

(25) cs (26) en

(30) PV 2001-4128 16 Nov/nov 2001 CZ
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS FOR HOMOGENISATION OF MELT

• PROCEDE D'HOMOGENEISATION DE MATIERE FONDUE ET APPAREIL PERMETTANT DE METTRE EN OEUVRE LEDIT PROCEDE

(71) ÚSTAV CHEMICK CH PROCESÚ [CZ/CZ]; Akademie Ved CR, Rozvojová 135, 160 00 Praha 6 (CZ). BH-F (eENGINEERING) Ltd. [GB/GB]; 4a, Chuchward, Southmead Park, Didcot, Oxon OX11 7 HB (CZ).

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

(72, 75) SMRCEK, Josef [CZ/CZ]; Na Bojisti 12, 120 00 Praha 2 (CZ). HÁJEK, Milan [CZ/CZ]; Jugoslávsk ch partyzánu 17, 160 00 Praha 6 (CZ). VILK, Peter [GB/GB]; 12, Whitelands Green, Goring on Thames, Reading RG 8 0EB (GB).

(74) SMRCKOVÁ, Marie; Velflíkova 8, 160 00 Praha 6 (CZ).

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

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

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(51)⁷ C03B 37/02

(11) WO 03/042120 (13) A1

(21) PCT/US02/35772

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 10/037,123 9 Nov/nov 2001 US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A BUSHING ASSEMBLY FOR PRODUCING FIBERS FROM MOLTEN MINERAL MATERIAL

• ENSEMBLE FILIERE DESTINE A LA PRODUCTION DE FIBRES A PARTIR DE MATIERES MINERALES EN FUSION

(71) OWENS CORNING [US/US]; One Owens Corning Parkway, Toledo, OH 43659 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEMIS, Byron, L. [US/US]; 10538 Blue Jay Road, Newark, OH 43056 (US). SULLIVAN, Timothy, A. [US/US]; 84 Stonington Circle, Newark, OH 43055 (US). MORGAN, Gregory, L. [US/US]; 3201 County Road 1, Swanton, OH 43558 (US).

(74) BARNS, Stephen, W. et al. / etc.; Owens Corning Science & Technology Center, 2790 Columbus Road, Building 54-1, Granville, OH 43023-1200 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C03C 8/16, 17/23, B32B 18/00 // B60J 1/00

(11) WO 03/042121 (13) A1

(21) PCT/JP02/11945

(22) 15 Nov/nov 2002 (15.11.2002)

(25) ja (26) ja

(30) 2001-350072 15 Nov/nov 2001 JP
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CERAMIC COLOR COMPOSITION AND CERAMIC COLOR PASTE

• COMPOSITION DE COULEUR CERAMIQUE ET PATE DE COULEUR CERAMIQUE

(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) TAGUCHI, Shuji [JP/JP]; c/o Asahi Glass Koriyamadenzai Co., Ltd., Koriyama Seibu Dai-2 Kogyo Danchi, 1-8, Machi-ikedai, Koriyama-shi, Fukushima 963-0215 (JP). OOTAKI, Shiro [JP/JP]; c/o Asahi Glass Koriyamadenzai Co., Ltd., Koriyama Seibu Dai-2 Kogyo Danchi, 1-8, Machi-ikedai, Koriyama-shi, Fukushima 963-0215 (JP). KUDO, Toru [JP/JP]; c/o Asahi Glass Company, Limited, 1-1, Suchiro-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0045 (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 LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C03C 17/36

(11) WO 03/042122 (13) A2

(21) PCT/US02/35638

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 60/331,160 9 Nov/nov 2001 US
(09.11.2001)

(30) 09/986,985 13 Nov/nov 2001 US
(13.11.2001)

- (43) 22 May/mai 2003 (22.05.2003)
- (54) • COATED ARTICLE WITH IMPROVED BARRIER LAYER STRUCTURE AND METHOD OF MAKING THE SAME
- ARTICLE REVETU PRESENTANT UNE STRUCTURE DE COUCHE BARRIERE AMELIOREE ET PROCEDE DE PRODUCTION DE CET ARTICLE
- (71) GUARDIAN INDUSTRIES CORP. [US/US]; 2300 Harmon Road, Auburn Hills, MI 48326-1714 (US).
- (72) STACHOWIAK, Grzegorz; 3712 Knollwood Circle, Ann Arbor, MI 48108 (US).
- (74) RHOA, Joseph, A.; Nixon & Vanderhye P.C., 1100 North GLEbe Road, Suite 800, Arlington, VA 22201-4714 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C04B 35/468, B32B 18/00
- (11) WO 03/042123 (13) A1
- (21) PCT/IB02/04766
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 101 55 593.8 13 Nov/nov 2001 DE (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DIELECTRIC CERAMIC COMPOSITION
- COMPOSITION DE CERAMIQUE DIELECTRIQUE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (for all designated States except / pour tous les États désignés sauf DE US)
- (71) PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH [DE/DE]; Weisshausstrasse 2, 52066 Aachen (DE).
- (only for / seulement pour DE)
- (71) ZASPALIS, Vassilios [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HENNINGS, Detlev [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). GROEN, Wilhelm, A. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SCHMIDT, Peter [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). MAUCZOK, Ruediger, G. [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HUPPERTZ, Petra [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SCHREINEMACHER, Baby, S. [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) VOLMER, Georg; 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C04B 35/505, H01C 7/04
- (11) WO 03/042124 (13) A1
- (21) PCT/JP02/12006
- (22) 18 Nov/nov 2002 (18.11.2002)
- (25) ja (26) ja
- (30) 2001-351714 16 Nov/nov 2001 JP (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SINTERED PRODUCT FOR THERMISTOR ELEMENT AND METHOD FOR PRODUCTION THEREOF, AND TEMPERATURE SENSOR
- PRODUIT FRITTE POUR ELEMENT DE THERMISTANCE ET SON PROCEDE D'ELABORATION, ET DETECTEUR DE TEMPERATURES
- (71) NGK SPARK PLUG CO., LTD. [JP/JP]; 14-18, Takatsujicho, Mizuho-ku, Nagoya-shi, Aichi 467-0872 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHOSOKABE, Takaaki [JP/JP]; 874-20, Aza Ogashima, Kohibino, Azai-cho, Ichinomiya-shi, Aichi 491-0104 (JP). IWAYA, Masaki [JP/JP]; 2-4, Kuranomae 3-chome, Gifu-shi, Gifu 500-8233 (JP). YAMADA, Naoki [JP/JP]; 304, Higashi-ichibayashiki, Higashi-machi, Iwakura-shi, Aichi 482-0041 (JP).
- (74) KOJIMA, Seiji; Atsuta Daidoseimei-Bldg. 2F, 7-26, Jingu 3-chome, Atsuta-ku, Nagoya-shi, Aichi 456-0031 (JP).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ C04B 40/02
- (11) WO 03/042125 (13) A2
- (21) PCT/NL02/00729
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) nl (26) en
- (30) 1019349 12 Nov/nov 2001 NL (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD OF HARDENING A FLUID MASS
- PROCEDE DE DURCISSEMENT D'UNE MASSE LIQUIDE
- (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) ZITHA, Pacelli, Lidio, Jose [FR/NL]; Wielengahof 44, NL-2625 LK Delft (NL). JANSEN, Johan, Dirk [NL/NL]; Oostsingel 112, NL-2612 HG Delft (NL).
- (74) ALTENBURG, Bernardus, Stephanus, Franciscus; 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C04B 40/06, B28C 7/06, C09K 3/10
- (11) WO 03/042126 (13) A1
- (21) PCT/EP02/12324
- (22) 4 Nov/nov 2002 (04.11.2002)
- (25) en (26) en
- (30) 01204354.3 14 Nov/nov 2001 EP (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD OF TINTING A JOINT FILLER FOR TILED SURFACES
- PROCEDE POUR COLORER LE CORPS DE JOINT POUR SURFACES A CARREAUX
- (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) BOSSE, Rüdiger [DE/DE]; Lütkenfelde 17, 48282 Emsdetten (DE).
- (74) SCHALKWIJK, Pieter, Cornelis; Akzo Nobel N.V., Intellectual Property Dept. (Dept. AIP), P.O. Box 9300, NL-6800 SB Arnhem (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 TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C04B 41/87, D01F 11/00, B05D 3/04, 1/18, B01D 69/08, 67/00
- (11) WO 03/042127 (13) A1
- (21) PCT/EP02/12563

- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) de (26) de
- (30) 101 55 901.1 14 Nov/nov 2001 DE (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR GENERATION OF A COATING ON A HOLLOW FIBRE
• PROCEDE DE PRODUCTION D'UN REVETEMENT SUR UNE FIBRE CREUSE
- (71) FILTERWERK MANN+HUMMEL GMBH [DE/DE]; 71631 Ludwigsburg (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TUDYKA, Stefan [DE/DE]; Reichertshalde 103, 71642 Ludwigsburg (DE). MICKE, Michael [DE/DE]; Neustädter Strasse 38/1, 71334 Waiblingen (DE). UR-BAHN, Arndt [DE/DE]; Sudetenring 4, 71642 Ludwigsburg (DE). GERLACH, Karim [DE/DE]; Mörikestr. 11, 71696 Möglingen (DE).
- (74) VOTH, Gerhard; Filterwerk Mann + Hummel GmbH, 71631 Ludwigsburg (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ C05D 9/02
- (11) WO 03/042128 (13) A2
- (21) PCT/EP02/12290
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 01204357.6 14 Nov/nov 2001 EP (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • AQUEOUS IRON CHELATE COMPOSITION
• COMPOSITION AQUEUSE DE CHÉLATE MÉTALLIQUE
- (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) REICHWEIN, Adrianus, Maria [NL/NL]; Lepelaarstraat 11, NL-6883 EK Velp (NL).
- (74) SCHALKWIJK, Peter, Cornelis; Akzo Nobel N.V., Intellectual Property Department (Dept. AIP), P.O. Box 9300, NL-6800 SB Arnhem (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C05F 17/00, 17/02
- (11) WO 03/042129 (13) A1
- (21) PCT/DE02/04107
- (22) 5 Nov/nov 2002 (05.11.2002)
- (25) de (26) de
- (30) 101 55 192.4 12 Nov/nov 2001 DE (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DEVICE FOR THE TREATMENT OF BIOGENIC RESIDUES
• INSTALLATION DE TRAITEMENT DE RESIDUS D'ORIGINE BIOLOGIQUE
- (71, 72) BACKHUS, Friedrich [DE/DE]; Jenseits der Vehne 12, 26188 Edewecht (DE).
- (72, 75) GERDES, Stefan [DE/DE]; Elbstrasse 15, 26188 Edewecht (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 OMPH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C06B
- (11) WO 03/042130 (13) A2
- (21) PCT/ZA02/00158
- (22) 15 Oct/oct 2002 (15.10.2002)
- (25) en (26) en
- (30) 2001/9412 15 Nov/nov 2001 ZA (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MANFOGEL EXPLOSIVE SYSTEM
• SYSTEME EXPLOSIF A BASE DE MANFOGEL
- (71) SASOL CHEMICAL INDUSTRIES LIMITED [ZA/ZA]; SMX House, 156 Hendrik Verwoerd Drive, 2194 Randburg (ZA). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LOWNDS, Charles, Michael [US/US]; 5177 Abercrombie Drive, Edina, MN 55439 (US). KROBER, Hendrik [ZA/ZA]; 52 North Riding Gardens, Hyperion Road, 2125 Randburg (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 AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OMPH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07B 31/00, C07C 5/03, C07F 15/00, 15/06
- (11) WO 03/042131 (13) A1
- (21) PCT/NL02/00739
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) 01204376.6 15 Nov/nov 2001 EP (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • HYDROGENATION CATALYST AND CATALYSED HYDROGENATION PROCESS
• CATALYSEUR D'HYDROGENATION ET PROCESSUS D'HYDROGENATION CATALYSEE
- (71) STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN [NL/NL]; Van Vollenhovenlaan 661, NL-3527 JP Utrecht (NL). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KNIJNENBURG, Quinten [NL/NL]; Koninginnelaan 78, NL-6542 ZV Nijmegen (NL). HORTON, Andrew, David [NL/NL]; Titiaanstraat 1, NL-1077 RC Amsterdam (NL). VAN DER HELJDEN, Harry [NL/NL]; Pieter Stastokstraat 7, NL-1507 PD Zaandam (NL). GAL, Antonius, Wilhelmus [NL/NL]; Boudewijn van Roonstraat 1, NL-6824 AE Arnhem (NL). BUDZELAAR, Petrus, Henricus, Maria [NL/NL]; Le Oude Heselaan 312, NL-6541 PH Nijmegen (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 OMPH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07B 57/00, C07C 209/88, 211/00
- (11) WO 03/042132 (13) A1
- (21) PCT/EP02/12494
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 0127346.5 14 Nov/nov 2001 GB (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • RECOVERY AND RECYCLING OF CHIRAL TARTARIC ACID RESOLVING AGENTS
• RECUPERATION ET RECYCLAGE D'AGENTS DE RESOLUTION D'ACIDE TARTRIQUE CHIRAL
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

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

- (72, 75) **MARTIN, Steve, W.** [GB/GB]; Windmill Industrial Estate, Crumlington, Northumberland NE 23 9JL (GB). **PIERGEN-TILLI, Daniele** [IT/DE]; Talstr. 115, 68259 Mannheim (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07B 63/00, C07D 311/40, 311/74, C07C 27/34, 65/03, 69/732, 69/734

- (11) **WO 03/042133** (13) A1
(21) PCT/NZ02/00253
(22) 15 Nov/nov 2002 (15.11.2002)
(25) en (26) en
(30) 515523 15 Nov/nov 2001 NZ (15.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • EXTRACTION OF PHENOLIC ANTIOXIDANTS
• EXTRACTION DE COMPOSES PHENOLIQUES ANTIOXYDANTS
- (71) **THE HORTICULTURE AND FOOD RESEARCH INSTITUTE OF NEW ZEALAND LIMITED** [NZ/NZ]; 120-122 Mt Albert Road, Mt Albert, Auckland (NZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STANLEY, Roger, Anthony** [NZ/NZ]; 41 Kopiko Road, Titirangi, Auckland (NZ).
- (74) **ADAMS, Matthew, D.** et al. / etc.; A J Park, 6th Floor Huddart Parker Building, PO Box 949, 6015 Wellington (NZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C

- (11) **WO 03/042134** (13) A2
(21) PCT/US02/35495
(22) 5 Nov/nov 2002 (05.11.2002)

(25) en (26) en
(30) 10/053,073 13 Nov/nov 2001 US (13.11.2001)

- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCESS FOR THE PREPARATION OF TERTIARY AMINES FROM PRIMARY AMINES AND NITRILES
• PROCEDE DE PREPARATION D'AMINES TERTIAIRES A PARTIR D'AMINES PRIMAIRES ET DE NITRILES
- (71) **E. I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
- (72) **WHITTLE, Kelley, Moran**; 5 Ball Farm Way, Wilmington, DE 19808 (US). **ALL-GEIER, Alan, Martin**; 1407 N. Grant Avenue, Wilmington, DE 19806 (US). **HIGLEY, David, Page**; 2517 Kingman Drive, Wilmington, DE 19810 (US). **GANNETT, Thomas, Papin**; 1166 Elderon Drive, Wilmington, DE 19808 (US).
- (74) **SEBREE, Chyrra, J.**; E. I. DU PONT DE NEMOURS AND COMPANY, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

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

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

(51)⁷ C07C

- (11) **WO 03/042135** (13) A2
(21) PCT/US02/35788
(22) 8 Nov/nov 2002 (08.11.2002)
(25) en (26) en
(30) 60/336,939 9 Nov/nov 2001 US (09.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • P-CHIRAL PHOSPHOLANES AND PHOSPHOCYCLIC COMPOUNDS AND THEIR USE IN ASYMMETRIC CATALYTIC REACTIONS
• PHOSPHOLANES P CHIRAUX ET COMPOSES PHOSPHOCYCLIQUES ET LEUR UTILISATION DANS DES REACTIONS CATALYTIQUES ASYMETRIQUES
- (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). **TANG, Wenjun**; 10 Vairo Boulevard, Apartment 27D, State College, PA 16803 (US).
- (74) **GREELEY, Paul, D.**; Ohland, Greeley, Ruggerio & Perle, LLP, 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

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

(51)⁷ C07C

- (11) **WO 03/042136** (13) A2
(21) PCT/US02/36225
(22) 12 Nov/nov 2002 (12.11.2002)
(25) en (26) en
(30) 60/350,705 13 Nov/nov 2001 US (13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCESS FOR THE PRODUCTION OF L-DOPA ETHYL ESTER
• PROCEDE DE PRODUCTION D'ESTER ETHYLIQUE DE L-DOPA

(63) US 60/350,705 (CIP) 13 Nov/nov 2001 (13.11.2001)

(71) **TEVA PHARMACEUTICAL INDUSTRIES, LTD.** [IL/IL]; 5 Basel Street, P.O. Box 3190, 49131 Petach-Tikva (IL).
(for all designated States except / pour tous les États désignés sauf BB US)

(71) **TEVA PHARMACEUTICALS USA, INC.** [US/US]; 1090 Horsham Road, North Wales, PA 19454 (US).
(only for / seulement pour BB)

(72, 75) **LIDOR-HADAS, Romy** [IL/IL]; Mor Street 19, 44242 Kfar Saba (IL). **FRENKEL, Anton** [IL/IL]; Emek Ayalon Street 18/6, 71700 Modiin (IL). **BAHAR, Eliezer** [IL/IL]; Haim Levanon Street 95, 69345 Tel Aviv (IL). **ATILI, Gisan** [IL/IL]; P.O. Box 2034, 44915 Tira (IL).

(74) **WHITE, John, P.**; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).

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

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

(51)⁷ C07C 15/107, 2/66

- (11) **WO 03/042137** (13) A1
(21) PCT/FR02/03793
(22) 5 Nov/nov 2002 (05.11.2002)
(25) fr (26) fr
(30) 01/14885 15 Nov/nov 2001 FR (15.11.2001)

- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR PRODUCING PHENYLALCANES USING A COMBINATION OF TWO CATALYSTS
• PROCEDE DE PRODUCTION DE PHENYLALCANES UTILISANT UNE COMBINAISON DE DEUX CATALYSEURS
- (71) INSTITUT FRANCAIS DU PETROLE [FR/FR]; 1 et 4, avenue du Bois Préau, F-92852 Rueil-Malmaison cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JOLY, Jean-François [FR/FR]; 52, rue Sully, F-69006 Lyon (FR). BRIOT, Patrick [FR/FR]; chemin de la Marollière, F-38260 Pommier de Beaupaire (FR).
- (74) ELMALEH, Alfred; Institut Français du Pétrole, 1 et 4, avenue Bois Préau, F-92852 Rueil-Malmaison 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C07C 23/38, 17/10, 17/38
- (11) WO 03/042139 (13) A1
- (21) PCT/JP02/11718
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) ja (26) ja
- (30) 2001/349102 14 Nov/nov 2001 JP (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCESS FOR PREPARATION OF DI-HALOGENOADAMANTANES
• PROCEDE DE PREPARATION DE DI-HALOGENOADAMANTANES
- (71) TOKUYAMA CORPORATION [JP/JP]; 1-1, Mikage-cho, Tokuyama-shi, Yamaguchi 745-0053 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TANAKA, Norihiro [JP/JP]; c/o Tokuyama Corporation, 1-1, Mikage-cho, Tokuyama-shi, Yamaguchi 745-0053 (JP). YAMAGUCHI, Masao [JP/JP]; c/o Tokuyama Corporation, 1-1, Mikage-cho, Tokuyama-shi, Yamaguchi 745-0053 (JP).
- (74) TAKAHATA, Yasuyo; Room 1004, Maison-Sunshine, 1-4, Higashi-Ikebukuro 3-chome, Toshima-ku, Tokyo 170-0013 (JP).
- (81) CN IN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ C07C 19/075
- (11) WO 03/042138 (13) A1
- (21) PCT/IL02/00900
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) en (26) en
- (30) 146456 12 Nov/nov 2001 IL (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR THE PREPARATION OF N-PROPYL BROMIDE
• PROCEDE DE PREPARATION DE BROMURE DE N-PROPYLE
- (71) BROMINE COMPOUNDS LTD. [IL/IL]; Makleff House, P.O. Box 180, 84101 Beer-Sheva (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MEIROM, Aharon [IL/IL]; Kalanit Street 55, 89061 Arad (IL). KAMPF, Arieh [IL/IL]; Ein-Zik Street 16, 85025 Meitar (IL). GRINBERG, Dmitri [IL/IL]; Mishol Givon Street 22, 84804 Beer-Sheva (IL). GRINBERG, Mark [IL/IL]; Hakovshim Street 16, 85025 Meitar (IL).
- (74) LUZZATTO, Kfir et al. / etc.; Luzzatto & Luzzatto, P.O. Box 5352, 84152 Beersheva (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 29/09, 68/06, 31/20, B01J 21/10, 21/16, C07C 69/96
- (11) WO 03/042141 (13) A1
- (21) PCT/EP02/12640
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 01309560.9 13 Nov/nov 2001 EP (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR THE CATALYTIC CONVERSION OF ALKYLENE CARBONATE WITH A MG, AL MIXED (HYDR) OXIDE CATALYST
• PROCEDE DE CONVERSION CATALYTIQUE D'UN CARBONATE D'ALKYLENE A L'AIDE D'UN CATALYSEUR D'(HYDR)OXYDE MG AL MELANGE
- (71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel Van Bylandtlaan 30, NL-2596 HR The Hague, (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DE JONGE, Johannes, Petrus [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). LANGE, Jean-Paul [BE/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). PELLO, Dennis, Humphrey, Louis [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL).
- (74) SHELL INTERNATIONAL B.V.; Intellectual Property Services, P.O. Box 384, NL-2501 CJ 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 29/145, 31/10
- (11) WO 03/042142 (13) A1
- (21) PCT/EP02/12641
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 01309674.8 16 Nov/nov 2001 EP (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCESS FOR THE HYDROGENATION OF ACETONE
- (71) CHEVRON U.S.A. INC. [US/US]; 6001 Bollinger Canyon Road, Building T - 3rd Floor, San Ramon, CA 94583 (US).
- (72) O'REAR, Dennis, J.; 40 Upland Drive, Petaluma, CA 94952 (US). BUETZOW, Mark, R.; 24 Montego Key, Novato, CA 94949 (US).
- (74) ZAVELL, Stephen, A. et al. / etc.; Chevron-texaco Corporation, Law Department, Post Office Box 6006, San Ramon, CA 94583-0806 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

- PROCEDE D'HYDROGENATION DE L'ACETONE
- (71) SHELL INTERNATIONALE RE-SEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHEWIER, Leslie, Andrew [GB/NL]; Badhuisweg 3., NL-1031 OM Amsterdam (NL). DEKKER, Wilhelmus Cornelius Nicolaas [NL/NL]; Badhuisweg 3., NL-1031 OM Amsterdam (NL). LECRIVAIN, Stephane, Jean-Pierre [FR/NL]; Badhuisweg 3., NL-1031 OM Amsterdam (NL). ROGERS, Andrew Neave [GB/NL]; Badhuisweg 3., NL-1031 OM 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 29/152, C01C 1/04, B01J 8/04
(11) WO 03/042143 (13) A1
(21) PCT/EP02/11027
(22) 2 Oct/oct 2002 (02.10.2002)
(25) en (26) en
(30) 01126840.6 11 Nov/nov 2001 EP (11.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCESS AND PLANT FOR THE HETEROGENEOUS SYNTHESIS OF CHEMICAL COMPOUNDS
• PROCEDE ET MATERIEL DESTINES A LA SYNTHÈSE HÉTÉROGÈNE DE COMPOSES CHIMIQUES
- (71) METHANOL CASALE S.A. [CH/CH]; Via San Carlo 22, CH-6932 Breganzona (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FILIPPI, Ermanno [IT/CH]; Strada di Fandria 73, CH-6976 Castagnola (CH). RIZZI, Enrico [IT/IT]; Via Montale, 10, I-22070 Grandate (CO) (IT). TAROZZO, Mirco [IT/CH]; Via L. Piffaretti, CH-6853 Ligornetto (CH).
- (74) ZARDI, Marco; M. Zardi & Co. S.A., Via Pioda, 6, CH-6900 Lugano (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ C07C 31/133, 29/14, 45/58, 47/11, 251/38, 249/08, 255/31, 253/00
(11) WO 03/042145 (13) A1
(21) PCT/JP02/11345
(22) 31 Oct/oct 2002 (31.10.2002)
(25) ja (26) ja
(30) 2001/345555 12 Nov/nov 2001 JP (12.11.2001)
(30) 2002/029169 6 Feb/fév 2002 JP (06.02.2002)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCESSES FOR PREPARATION OF CYCLOPROPYLETHANOL, CYCLOPROPYLACETONITRILE AND INTERMEDIATES OF BOTH
• PROCEDES DE PREPARATION D'UN CYCLOPROPYLETHANOL, D'UN CYCLOPROPYLACÉTONITRILE, ET LEURS INTERMÉDIAIRES
- (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) UJITA, Katsuji [JP/JP]; c/o KURARAY CO., LTD., 2045-1, Sakazu, Kurashiki-shi, Okayama 710-0801 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 37/60, 39/04, 39/08
(11) WO 03/042146 (13) A1
(21) PCT/EP02/12169
(22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) MI01A002410 15 Nov/nov 2001 IT (15.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCESS FOR THE PREPARATION OF HYDROXYLATED AROMATIC COMPOUNDS
• PROCEDE DE PREPARATION DE COMPOSES AROMATIQUES HYDROXYLES
- (71) POLIMERI EUROPA S.p.A. [IT/IT]; Via E. Fermi 4, I-72100 Brindisi (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BIANCHI, Daniele [IT/IT]; Via Valera 16/C, I-20020 Arese (IT). D'ALOISIO, Rino [IT/IT]; Via Romentino, 25/E, I-28067 Pernate-Novara (IT). TASSINARI, Roberto [IT/IT]; Via Paletta 8, I-28100 Novara (IT).
- (74) DE GREGORI, Antonella et al. / etc.; Ing. Barzanò & 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 43/225, 205/34, 255/54, C07D 213/643, 231/20, 239/34, A01N 39/00, 37/34, 43/40, 43/50, 43/56
(11) WO 03/042147 (13) A1
(21) PCT/EP02/11980
(22) 26 Oct/oct 2002 (26.10.2002)
(25) de (26) de
(30) 101 55 385.4 10 Nov/nov 2001 DE (10.11.2001)
(43) 22 May/mai 2003 (22.05.2003)

- (54) • DIHALOGENPROPENE COMPOUNDS, METHOD FOR THE PRODUCTION THEREOF, AGENTS CONTAINING SAID COMPOUNDS AND THE USE THEREOF AS PEST CONTROL AGENTS
- COMPOSES DIHALOGENOPROPENE, LEUR PROCEDE DE PRODUCTION, AGENTS CONTENANT LESDITS COMPOSES ET LEUR UTILISATION COMME PARASITICIDES
- (71) BAYER CROPSCIENCE S.A. [FR/FR]; 55, avenue René Cassin, F-69009 Lyon (FR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TIEBES, Jörg [DE/DE]; Am Schwalbenschwanz 25, 60431 Frankfurt (DE). BRAUN, Ralf [DE/DE]; Bischof-Beck-Strasse 1a, 76857 Ramberg (DE). DICKHAUT, Joachim [DE/DE]; Steubenstrasse 54/1, 69121 Heidelberg (DE). JAKOBI, Harald [DE/DE]; Grosser Hasenpfad 80, 60598 Frankfurt (DE). LINDELL, Stephen [GB/DE]; Altenhainer Strasse 15, 65779 Kelkheim-Fischbach (DE). SALGADO, Vincent, L. [US/DE]; Gerhart-Hauptmann-Strasse 11, 61440 Oberursel (DE). WOJTECH, Eva [DE/DE]; Kelkheimerstrasse 67, 65812 Bad Soden (DE). JANS, Daniela [DE/DE]; Schöne Aussicht 11, 61348 Bad Homburg v. d. H. (DE). WAIBEL, Jutta, Maria [DE/DE]; Manderscheider Strasse 51, 60529 Frankfurt (DE). HEMPEL, Waltraud [DE/DE]; Zum Morgengraben 18, 65835 Liederbach (DE). WILHELM, Ronald [DE/DE]; Platanenweg 11, 65719 Hofheim, Ts. (DE).
- (74) RIPPEL, Hans, Christoph; Bayer Crop-Science GmbH, Industriepark Höchst, Gebäude K 801, 65926 Frankfurt (DE).
- (81) AE AG AL AM AU AZ BA BB BR BY BZ CA CN CO CR CU DM DZ EC 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 OM PH PL RO RU SG SI TJ TM TN TT UA US UZ VC 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 45/28, 45/27, 49/784, 253/30
- (11) WO 03/042148 (13) A2
- (21) PCT/JP02/11682
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) ja (26) ja
- (30) 2001-346485 12 Nov/nov 2001 JP (12.11.2001)
- (30) 2001-365438 30 Nov/nov 2001 JP (30.11.2001)
- (30) 60/337,159 10 Dec/déc 2001 US (10.12.2001)
- (30) 2001-393396 26 Dec/déc 2001 JP (26.12.2001)
- (30) 2001-393397 26 Dec/déc 2001 JP (26.12.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCESS FOR PRODUCING BISBENZIL COMPOUNDS
- PROCÉDÉ DE PRODUCTION DE COMPOSÉS BISBENZILE
- (71) SHOWA DENKO K. K. [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) YASUDA, Hiroshi [JP/JP]; C/O Corporate R & D Center, SHOWA DENKO K.K., 1-1-1, Oonodai, Midori-ku, Chiba-shi, Chiba 267-0056 (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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 47/02, 209/60, 7/148, 31/12
- (11) WO 03/042149 (13) A1
- (21) PCT/EP02/12530
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) de (26) de
- (30) 101 55 520.2 12 Nov/nov 2001 DE (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR PRODUCTION OF N-BUTYRALDEHYDE AND N-BUTANOL FROM 1,3-BUTADIENE-CONTAINING HYDROCARBON STREAMS
- PROCEDE DE PRODUCTION DE N-BUTYRALDEHYDE ET DE N-BUTANOL A PARTIR DE FLUX D'HYDROCARBURES CONTENANT DU 1,3-BUTADIENE
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BÖHLING, Ralf [DE/DE]; Beethovenstrasse 4, 64347 Griesheim (DE). STEINBRENNER, Ulrich [DE/DE]; Müller-Thurgau-Weg 20, 67435 Neustadt (DE). FUNKE, Frank [DE/DE]; Q7 12a, 68161 Mannheim (DE).
- (74) ISENBRUCK, Günter; 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 67/08, 69/54
- (11) WO 03/042151 (13) A1
- (21) PCT/EP02/12491
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) de (26) de
- (30) 101 56 116.4 15 Nov/nov 2001 DE (15.11.2001)
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 59/90, 69/734, 69/76, 205/34, 219/32, 255/54, 255/37, 271/64, 235/42, 311/29, 311/51, 311/53, 317/22, 323/19, A61K 31/192
- (11) WO 03/042150 (13) A1
- (21) PCT/JP02/11846
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) ja (26) ja
- (30) 2001-351217 16 Nov/nov 2001 JP (16.11.2001)
- (30) 2002-209382 18 Jul/juil 2002 JP (18.07.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • NOVEL BENSOPHENONE DERIVATIVES OR SALTS THEREOF
- NOUVEAUX DERIVES DE BENZOPHENONE OU SELS DE CEUX-CI
- (71) TOYAMA CHEMICAL CO., LTD. [JP/JP]; 2-5, Nishishinjuku 3-Chome, Shinjuku-Ku, Tokyo 160-0023 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) HIRONO, Shuichi [JP/JP]; 16-29, Akatsukashinmachi 3-Chome, Itabashi-Ku, Tokyo 175-0093 (JP). SHIOZAWA, Shunichi [JP/JP]; 11-6, Takenodai 2-Chome, Nishi-ku, Kobe-Shi, Hyogo 651-2274 (JP).
- (72, 75) CHAKI, Hisaaki [JP/JP]; 455-1, Oharaya, Ohyama-Machi, Kaminiikawa-Gun, Toyama 930-1328 (JP). KOTSUBO, Hironori [JP/JP]; 44-7, Nishishihara, Tateyama-Machi, Nakaniikawa-Gun, Toyama 930-0224 (JP). TANAKA, Tadashi [JP/JP]; 52-4 B-203, Nakafugo, Toyama-Shi, Toyama 930-0832 (JP). AIKAWA, Yukihiko [JP/JP]; 230, Mizuhashinakamuramachi, Toyama-Shi, Toyama 939-0521 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PRODUCING (METH)ACRYLIC ACID ESTERS OF POLYHYDRIC ALCOHOLS

• PROCEDE DE PREPARATION D'ESTERS D'ACIDE (METH)ACRYLIQUE D'ALCOOLS PLURIVALENTS

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

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

(71, 72) MARTIN, Friedrich-Georg [DE/DE]; Heuauerweg 36, 69124 Heidelberg (DE).

(only for / seulement pour US)

(72, 75) WARTINI, Alexander [DE/DE]; Ladenburgerstr. 20, 69120 Heidelberg (DE). DERNBACH, Matthias [DE/DE]; Im Reigart 12, 69221 Dossenheim (DE). SCHRÖDER, Jürgen [DE/DE]; Niedererdstrasse 20, 67071 Ludwigshafen (DE). SIRCH, Tilman [DE/DE]; Limburgstr. 18, 67105 Schifferstadt (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ C07C 68/06, 69/96, 29/09, 31/20

(11) WO 03/042152 (13) A1

(21) PCT/EP02/12638

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 01309571.6 13 Nov/nov 2001 EP (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR THE CATALYTIC CONVERSION OF ORGANIC CARBONATE USING A LANTHANUM CATALYST

• PROCEDE DE CONVERSION CATALYTIQUE DE CARBONATE ORGANIQUE AU MOYEN D'UN CATALYSEUR DE LANTHANE

(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

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(72, 75) DE JONGE, Johannes, Petrus [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). LANGE, Jean-Paul [BE/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). VAN VEGCHEL, Ingrid, Maria [NL/NL]; Badhuisweg 3, NL-1031 CM 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ C07C 69/612, 69/65, 69/732, 69/734, 69/738, 205/56, 255/41, 271/28, 327/22, 327/36, 333/20, C07D 209/48, 319/16, 333/24, 333/60, A01N 37/06, 37/36, 37/38, 41/10, 43/10, 43/30, 43/32, 43/38, 43/40, 43/76, 47/20

(11) WO 03/042153 (13) A1

(21) PCT/JP02/11950

(22) 15 Nov/nov 2002 (15.11.2002)

(25) ja (26) ja

(30) 2001-350644 15 Nov/nov 2001 JP (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DIFLUOROALKENE DERIVATIVE AND PEST CONTROL AGENT CONTAINING THE SAME

• DERIVE DE DIFLUOROALCENE, ET PESTICIDE RENFERMANT CE DERIVE

(71) KUMIAI CHEMICAL INDUSTRY CO., LTD. [JP/JP]; 4-26, Ikenohata 1-chome, Taitoh-ku, Tokyo 110-8782 (JP). IHARA CHEMICAL INDUSTRY CO., LTD. [JP/JP]; 4-26, Ikenohata 1-chome, Taitoh-ku, Tokyo 110-8782 (JP).

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(72, 75) ABE, Tetsuya [JP/JP]; c/o K EI Chemical Research Institute Co., Ltd., 408-1, Shioshinden, Fukude-cho, Iwata-gun, Shizuoka 437-1213 (JP). TAMAI, Ryuji [JP/JP]; c/o K EI Chemical Research Institute Co., Ltd., 408-1, Shioshinden, Fukude-cho, Iwata-gun, Shizuoka 437-1213 (JP). TAMARU, Masatoshi [JP/JP]; c/o K EI Chemical Research Institute Co., Ltd., 408-1, Shioshinden, Fukude-cho, Iwata-gun, Shizuoka 437-1213 (JP). YANO, Hiroyuki [JP/JP]; 1809, Kamo, Kikugawa-cho, Ogasa-gun, Shizuoka 439-0031 (JP). TAKAHASHI, Satoru [JP/JP]; 5-18, Yoshino-cho, Shizuoka-shi, Shizuoka 420-0046 (JP). MURAMATSU, Norimichi [JP/JP]; 3-15-11, Katsuragaoka, Kakegawa-shi, Shizuoka 436-0088 (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

(51)⁷ C07C 209/00, 211/65

(11) WO 03/042154 (13) A2

(21) PCT/EP02/12528

(22) 8 Nov/nov 2002 (08.11.2002)

(25) de (26) de

(30) 101 55 474.5 12 Nov/nov 2001 DE (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PRODUCTION OF ALKALI METAL DIALKYLAMIDES

• PROCEDE DE PRODUCTION DE DIALKYLAMIDES DES METAUX ALCALINS

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

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

(72, 75) STEINBRENNER, Ulrich [DE/DE]; Müller-Thurgau-Weg 20, 67435 Neustadt (DE). BÖHLING, Ralf [DE/DE]; Beethovenstrasse 4, 64347 Griesheim (DE). FUNKE, Frank [DE/DE]; Q7 12a, 68161 Mannheim (DE). HARDER, Wolfgang [DE/DE]; Bergwaldstrasse 16, 69469 Weinheim (DE).

(74) ISENBRUCK, Günter; 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C07C 209/00

(11) WO 03/042155 (13) A2

(21) PCT/EP02/12581

(22) 11 Nov/nov 2002 (11.11.2002)

(25) de (26) de

(30) 101 55 525.3 12 Nov/nov 2001 DE (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PRODUCING DIALKYL ETHYL AMINES FROM DIALKYL AMINES AND ETHYLENE

• PROCEDE DE PREPARATION DE DIALKYLETHYLAMINES A PARTIR DE DIALKYLAMINES ET D'ETHYLENE

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; Carl-Bosch-Str. 38, 67056 Ludwigshafen (DE).

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

(72, 75) **FUNKE, Frank** [DE/DE]; Q7, 12a, 68161 Mannheim (DE). **STEINBRENNER, Ulrich** [DE/DE]; Müller-Thurgau-Weg 20, 67435 Neustadt (DE). **BÖHLING, Ralf** [DE/DE]; Beethovenstr. 4, 64347 Griesheim (DE).

(74) **ISENBRUCK, Günter**; 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C07C 209/60

(11) WO 03/042156 (13) A1

(21) PCT/EP02/12582

(22) 11 Nov/nov 2002 (11.11.2002)

(25) de (26) de

(30) 101 55 523.7 12 Nov/nov 2001 DE (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PRODUCING AMINES BY MEANS OF OLEFIN AMINATION IN THE PRESENCE OF UNSATURATED NITROGEN COMPOUNDS

• PROCEDE POUR LA PRODUCTION D'AMINES PAR AMINATION D'OLEFINES EN PRESENCE DE COMPOSES AZOTES INSATURES

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

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

(72, 75) **BÖHLING, Ralf** [DE/DE]; Beethovenstrasse 4, 64347 Griesheim (DE). **STEINBRENNER, Ulrich** [DE/DE]; Müller-Thurgau-Weg 20, 67435 Neustadt (DE). **FUNKE, Frank** [DE/DE]; Q7, 12a, 68161 Mannheim (DE). **DIER, Reinhard** [DE/DE]; Zum Langenacker 5, 66629 Freisen (DE).

(74) **ISENBRUCK, Günter**; 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

Published / Publiée : (c)

(51)⁷ C07C 209/60, 209/22, 209/26, 211/07, 211/08

(11) WO 03/042157 (13) A1

(21) PCT/EP02/12609

(22) 12 Nov/nov 2002 (12.11.2002)

(25) de (26) de

(30) 101 55 524.5 12 Nov/nov 2001 DE (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND DEVICE FOR PRODUCING ETHYLAMINE AND BUTYLAMINE

• PROCEDE DE PRODUCTION D'ETHYLAMINE ET DE BUTYLAMINE

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

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

(72, 75) **STEINBRENNER, Ulrich** [DE/DE]; Müller-Thurgau-Weg 20, 67435 Neustadt (DE). **FUNKE, Frank** [DE/DE]; Q7, 12a, 68159 Mannheim (DE). **BÖHLING, Ralf** [DE/DE]; Beethovenstrasse 4, 64347 Griesheim (DE).

(74) **ISENBRUCK, Günter**; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Is, enbruck, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C07C 209/60, 209/64, 211/06

(11) WO 03/042158 (13) A1

(21) PCT/EP02/12803

(22) 15 Nov/nov 2002 (15.11.2002)

(25) de (26) de

(30) 101 56 685.9 17 Nov/nov 2001 DE (17.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PRODUCING MONOISOPROPYLAMINE

• PROCEDE POUR LA PRODUCTION DE MONO-ISOPROPYLAMINE

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

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

(72, 75) **FUNKE, Frank** [DE/DE]; Kanalstrasse 14, 67227 Frankenthal (DE). **STEINBRENNER, Ulrich** [DE/DE]; Müller-Thurgau-Weg 20, 67435 Neustadt (DE). **BÖHLING, Ralf** [DE/DE]; Beethovenstr. 4, 64347 Griesheim

(DE). **RUDOLF, Peter** [DE/DE]; Rautenthalermühle 12, 68526 Ladenburg (DE). **BREUER, Klaus** [DE/DE]; Ziegeleistrasse 10, 67122 Altrip (DE). **HIBST, Hartmut** [DE/DE]; Branichstr. 23, 69198 Schriesheim (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ C07C 209/84, 209/86, 209/82

(11) WO 03/042159 (13) A1

(21) PCT/EP02/12603

(22) 12 Nov/nov 2002 (12.11.2002)

(25) de (26) de

(30) 101 56 131.8 16 Nov/nov 2001 DE (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR ISOLATING AMINES FROM AQUEOUS SOLUTIONS

• PROCEDE PERMETTANT D'ISOLER DES AMINES DE SOLUTIONS AQUEUSES

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

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

(72, 75) **BECK, Karl** [DE/DE]; Heckenweg 1, 76684 Östringen (DE). **FREUND, Torsten** [DE/DE]; Römerweg 17c, 67117 Limburgerhof (DE). **GERBER, Bernd** [DE/DE]; Uhlandstr. 74a, 67069 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C07C 215/52, A61K 31/135, 31/4704, A61P 43/00, C07C 217/84, 233/43, C07D 215/26

(11) WO 03/042160 (13) A1

(21) PCT/US02/36188

- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 60/338,194 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ARYL ANILINE BETA-2 ADRENERGIC RECEPTOR AGONISTS
- AGONISTES DE RECEPTEUR D'ARYL ANILINE BETA-2 ADRENERGIQUE
- (71) THERAVANCE, INC. [US/US]; 901 Gateway Boulevard, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORAN, Edmund, J. [CA/US]; 131 Chaves, San Francisco, CA 94127 (US). JACOBSEN, John, R. [US/US]; 16 Oak Valley Road, San Mateo, CA 94402 (US). AGGEN, James [US/US]; 1105 Bayswater Avenue #1, Burlingame, CA 94010 (US).
- (74) BOONE, David, E. et al. / etc.; Theravance, Inc., 901 Gateway Boulevard, 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C07C 219/06, 219/08, 219/22, A61K 31/221, 31/222, A61P 25/24
- (11) WO 03/042162 (13) A1
- (21) PCT/DK02/00767
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) PA 2001 01713 17 Nov/nov 2001 DK (17.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PRODRUGS OF ANTIDEPRESSANTS AND THEIR USE FOR TREATING DEPRESSIONS
- PROMEDICAMENTS D'ANTIDEPRESSEURS ET UTILISATION ASSOCIEE DANS LE TRAITEMENT DE LA DEPRESSION
- (71) NEUROSEARCH A/S [DK/DK]; 93 Pederstrupvej, DK-2750 Ballerup (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PETERS, Dan [SE/SE]; Rosenstigen 7, S-21619 Malmö (SE). SANDBERG, Carl-Emil [DK/DK]; Åkandehaven 10, DK-2765 Smørum (DK).
- (74) NEUROSEARCH A/S; Att: 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C07C 217/74, 213/10, A61K 31/135
- (11) WO 03/042161 (13) A1
- (21) PCT/HU02/00121
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) hu (26) en
- (30) P 0104872 13 Nov/nov 2001 HU (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • VENLAFAXINE HYDROCHLORIDE POLYMORPHS
- POLYMORPHES DE CHLORHYDRATE DE VENLAFAXINE
- (71) EGIS GYÓGYSZERGYÁR RT. [HU/HU]; Keresztúri út 30-38, H-1106 Budapest (HU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARKÓCZY, József [HU/HU]; Szirom u. 4-6/B, H-1016 Budapest (HU). KÓTAY NAGY, Péter [HU/HU]; Vác, Nagymező u. 73, H-2600 Vác (HU). SIMIG, Gyula [HU/HU]; Hollósy S. u. 25, H-1126 Budapest (HU). HORVÁTH, Károly [HU/HU]; Etele u. 58/a, H-1115 Budapest (HU). SZENT KIRÁLLYI, Zsuzsa [HU/HU]; Tűzliliom u. 51, H-1223 Budapest (HU). FARKAS, Béla [HU/HU]; Stadion u. 24/a, H-8200 Veszprém (HU). GREGOR, Tamás [HU/HU]; Vágóhíd u. 7, H-2141 Csömör (HU). NAGY, Kálmán [HU/HU]; Turista u. 2/a, H-1025 Budapest (HU). KRASZNAI, György [HU/HU]; XIII u. 38, H-1172 Budapest (HU).
- (74) ADVOPATENT OFFICE OF PATENT AND TRADEMARK ATTORNEYS; P.O. Box 11, H-1251 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 ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C07C 229/12
- (11) WO 03/042163 (13) A1
- (21) PCT/EP02/11779
- (22) 22 Oct/oct 2002 (22.10.2002)
- (25) de (26) de
- (30) 60/331,416 15 Nov/nov 2001 US (15.11.2001)
- (30) 102 15 336.1 28 Mar/mar 2002 DE (28.03.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • N-METHYL-HOMOCYSTINES, USE THEREOF AND METHOD FOR THE PRODUCTION THEREOF
- N-METHYLHOMOCYSTEINES, LEUR UTILISATION ET LEUR PROCÉDE DE PRODUCTION
- (71) SCHERING AKTIENGESSELLSCHAFT [DE/DE]; Müllerstrasse 178, 13353 Berlin (DE).
- (72) WILLUHN, Marc; Torfstrasse 16, 13353 Berlin (DE). PLATZEK, Johannes; Grottkauer Strasse 55, 12621 Berlin (DE). OTTOW, Eckhard; Moltkestrasse 48, 12203 Berlin (DE). PETROV, Orlin; Friedrichshaller Strasse 7b, 14199 Berlin (BG). BORM, Claudia; Stephanstrasse 9, 10559 Berlin (DE). HINZ, Dirk; Schlieper Strasse 38, 13507 Berlin (DE). MANN, Gregor; Bennigsenstrasse 18, 12159 Berlin (DE). LISTER-JAMES, John; 45 Old Stone Way, Bedford, NH 03110 (US). WILSON, David, M.; 9, Arrowhead Road, Bow, NH 03304 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51) C07C 229/60, A61K 31/136, 31/33, A61P 43/00, C07C 217/84, 217/86, 217/70, 233/43, C07D 239/42, C07C 239/46, C07D 413/12, 409/12, 401/12, C07C 311/44
- (11) WO 03/042164 (13) A1
- (21) PCT/US02/36237
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 60/338,194 13 Nov/nov 2001 US (13.11.2001)
- (30) 60/343,771 28 Dec/déc 2001 US (28.12.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ARYL ANILINE BETA-2 ADRENERGIC RECEPTOR AGONISTS
- AGONISTES ARYLANILINE DES RECEPTEURS ADRENERGIQUES SG(B)2
- (71) THERAVANCE, INC [US/US]; 901 Gateway Boulevard, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORAN, Edmund, J. [CA/US]; 131 Chaves, San Francisco, CA 94127 (US). JACOBSEN, John, R. [US/US]; 16 Oak Valley Road, San Mateo, CA 94402 (US).

- LEADBETTER, Michael, R. [US/US]; 335 Beverly Avenue, San Leandro, CA 94577 (US). NODWELL, Matthew, B. [CA/US]; 1221 Masonic Avenue, Apt. 12, San Francisco, CA 94117 (US). TRAPP, Sean, G. [US/US]; 1112 De Haro, San Francisco, CA 94107 (US). AGGEN, James [US/US]; 1311 California Drive, Burlingame, CA 94010 (US). CHURCH, Timothy, J. [US/US]; 3913 Pasadena Drive, San Mateo, CA 94403 (US).
- (74) BOONE, David, E. et al. / etc.; Theravance, Inc., 901 Gateway Boulevard, 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C07C 231/24, 233/43, A61K 31/165
- (11) WO 03/042165 (13) A1
- (21) PCT/US02/34118
- (22) 23 Oct/oct 2002 (23.10.2002)
- (25) en (26) en
- (30) 10/037,183 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • FORMOTEROL TARTRATE PROCESS AND POLYMORPH
- PROCEDE D'ELABORATION DE FORMOTEROL TARTRATE ET POLYMORPHE
- (71) SEPRACOR INC. [US/US]; 84 Waterford Drive, Marlborough, MA 01752 (US).
- (72) TANOURY, Gerald, J.; 1 Orchard Drive, Hudson, MA 01749 (US). SENANAYAKE, Chris, H.; 11 Old Farm Circle, Shrewsbury, MA 01545 (US). KESSLER, Donald, W.; 53 Throne Hill Road, Groton, MA 01450 (US).
- (74) HANSEN, Philip, E. et al. / etc.; Heslin Rothenberg Farley & Mesiti P.C., 5 Columbia Circle, Albany, NY 12203 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07C 233/00
- (11) WO 03/042166 (13) A2
- (21) PCT/EP02/12844
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) 0127559.3 16 Nov/nov 2001 GB (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCESS FOR PREPARATION OF SG(A)-HYDROXYCARBOXYLIC ACID AMIDES
- PROCEDE DE PREPARATION D'AMIDES D'ACIDE HYDROCARBOXYLIQUE-SG(A)
- (71) SYNGENTA PARTICIPATIONS AG [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZELLER, Martin [CH/CH]; Syngenta Crop Protection Muenchwilen AG, Breitenloh 5, CH-4333 Muenchwilen (CH). FABER, Dominik [CH/CH]; Syngenta Crop Protection Schweizerhalle AG, Rothausweg, CH-4133 Schweizerhalle (CH). VET-TIGER, Thomas [CH/CH]; Syngenta Crop Protection Schweizerhalle AG, Rothausweg, CH-4133 Schweizerhalle (CH). LAM-BERTH, Clemens [DE/CH]; Syngenta Crop Protection, Schwarzwaldallee 215, CH-4058 Basel (CH).
- (74) BASTIAN, Werner; c/o Syngenta Participations AG, Intellectual Property, P.O. Box, 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 GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 235/34, 327/44, 323/22, A01N 37/18
- (11) WO 03/042167 (13) A1
- (21) PCT/EP02/12845
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) 0127556.9 16 Nov/nov 2001 GB (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • NOVEL α -OXYGENATED OR α -THIOLATED CARBOXYLIC ACID PENETHYLAMIDE DERIVATIVES
- NOUVEAUX DERIVES PHENETHYLAMIDE DE L'ACIDE CARBOXYLIQUE SG(A)-OXYGENES OU SG(A)-THIOLES
- (71) SYNGENTA PARTICIPATIONS AG [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZELLER, Martin [CH/CH]; Syngenta Crop Protection Muenchwilen AG, Breitenloh 5, CH-4333 Muenchwilen (CH). LAMBERTH, Clemens [DE/CH]; Syngenta Crop Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH).
- (74) BASTIAN, Werner; c/o Syngenta Participations AG, Intellectual Property, P.O. Box, 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 GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C07C 235/34, 327/44, 323/22, A01N 37/18
- (11) WO 03/042168 (13) A1
- (21) PCT/EP02/12846
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) 0127557.7 16 Nov/nov 2001 GB (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • NOVEL SG(a)-OXYGENATED OR SG(a)-THIOLATED CARBOXYLIC ACID PHENETHYLAMIDE DERIVATIVES
- NOUVEAUX DERIVES PHENETHYLAMIDES D'ACIDE CARBOXYLIQUE SG(A)-OXYGENES OU SG(A)-THIOLES
- (71) SYNGENTA PARTICIPATIONS AG [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZELLER, Martin [CH/CH]; Syngenta Crop Protection Muenchwilen AG, Breitenloh 5, CH-4333 Muenchwilen (CH). LAMBERTH, Clemens [DE/CH]; Syngenta Crop Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH).
- (74) BASTIAN, Werner; c/o Syngenta Participations AG, Intellectual Property, P.O. Box, 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 GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)

- (51)⁷ C07C 245/00
(11) WO 03/042169 (13) A2
(21) PCT/US02/32218
(22) 8 Oct/oct 2002 (08.10.2002)
(25) en (26) en
(30) 60/328,065 9 Oct/oct 2001 US
(09.10.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCESS FOR SYNTHESIZING ASPARTIC AND GLUTAMIC ACID DERIVATIVES ESPECIALLY USEFUL AS INTERMEDIATES IN THE MANUFACTURE OF A CASPASE INHIBITOR
• PROCEDE DE SYNTHESE DE DERIVES D'ACIDE GLUTAMIQUE ET D'ACIDE ASPARTIQUE SPECIALEMENT UTILES EN TANT QU'INTERMEDIAIRES DANS LA PRODUCTION D'UN INHIBITEUR DE CASPASE
- (71) VERTEX PHARMACEUTICALS INCORPORATED [US/US]; 130 Waverly Street, Cambridge, MA 02139-4242 (US).
- (72) MORTIMORE, Michael; Walrus House, 156 The Hill, Burford, Oxfordshire OX18 4QY (GB). PHILIPS, Oliver; 23 Reade Avenue, Abingdon, Oxfordshire OX14 3YE (GB). STUDLEY, John; 29 Willow Brook, Abingdon, Oxfordshire OX14 1TD (GB).
- (74) HALEY, James, F., Jr.; c/o Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07C 263/10, 265/08, 265/10, 265/12, 265/04
(11) WO 03/042170 (13) A1
(21) PCT/EP02/11624
(22) 17 Oct/oct 2002 (17.10.2002)
(25) de (26) de
(30) 101 52 118.9 23 Oct/oct 2001 DE
(23.10.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR PRODUCTION OF ISOCYANATES
• PROCEDE DE PRODUCTION D'ISOCYANATES
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROHDE, Thorsten [DE/DE]; Uhlandstrasse 20, 68167 Mannheim (DE). STAMM, Armin [DE/DE]; Am Wasserwerk 5, 55268 Nieder-Olm (DE). HENKELMANN, Jochem [DE/DE]; Bassermannstrasse 25, 68165 Mannheim (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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07D 207/273, 211/76, A61K 31/4025, 31/44, A61P 25/28
(11) WO 03/042173 (13) A1
(21) PCT/US02/36186
(22) 12 Nov/nov 2002 (12.11.2002)
(25) en (26) en
(30) 60/337,652 13 Nov/nov 2001 US
(13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • NK1 ANTAGONISTS
• ANTAGONISTES DE NK1
- (71) SCHERING CORPORATION [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).
- (72) REICHARD, Gregory, A.; 1356 E. Greenfield Court, Ann Arbor, MI 48108 (US). PALIWAL, Sunil; 245 Spruce Mill Lane, Scotch Plains, NJ 07076 (US). SHIH, Neng-Yang; 1 Maple Drive, North Caldwell, NJ 07006 (US). XIAO, Dong; 199 King George Road, Warren, NJ 07059 (US). TSUI, Hon-Chung; 41 Cortland Drive, East Brunswick, NJ 08816 (US). SHAH, Sapna; 20 Sand Hill Court, Jamesburg, NJ 08831 (US). WANG, Cheng; 11 Lewis Avenue, 2nd Floor, Summit, NJ 07901 (US). WROBLESKI, Michelle, L.; 1507 South Branch Drive, Whitehouse Station, NJ 08889 (US).
- (74) MAGATTI, Anita, W.; Schering-Plough Corporation, Patent Department -K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (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 HR HU ID IL
-
- (51)⁷ C07D
(11) WO 03/042172 (13) A2
(21) PCT/US02/36528
(22) 12 Nov/nov 2002 (12.11.2002)
(25) en (26) en
(30) 60/333,014 14 Nov/nov 2001 US
(14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

IN IS JP KG KR KZ LC LK LR LT LU LV
MA MD MG MK MN MX MZ NO NZ PH
PL PT RO RU SC SE SG SI SK SL TJ TM
TN TR TT TZ UA UZ VC VN YU ZA ZM.

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

Published / Publiée : (c)

(51)⁷ C07D 209/04, 213/89, 307/34, 333/34,
413/12, 213/62, 409/12, 239/10

(11) WO 03/042174 (13) A1

(21) PCT/US02/36185

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 60/332,911 14 Nov/nov 2001 US
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • CANNABINOID RECEPTOR LIGANDS
• LIGANDS DU RECEPTEUR DES CAN-
NABINOIDES

(71) SCHERING CORPORATION [US/US];
2000 Galloping Hill Road, Kenilworth, NJ
07033-0530 (US).

(72) FRIARY, Richard, J.; 391 Aspen Way,
Florence, MT 59833 (US). KOZLOWSKI,
Joseph, A.; 1066 Stuart Road, Princeton,
NJ 08540 (US). SHANKAR, Bandarpalle,
B.; 1124 Van Arsdale Drive, Branchburg,
NJ 08853 (US). WONG, Michael, K., C.;
999 Hidden Lake Drive, Apt. 3D, North
Brunswick, NJ 08902 (US). ZHOU, Guowei;
436 South Livingston Avenue, Livingston, NJ
07039 (US). LAVEY, Brian, J.; 25 Hickory
Place, Apt. H-10, Chatham, NJ 07928 (US).
SHIH, Neng-Yang; 1 Maple Drive, North
Caldwell, NJ 07006 (US). TONG, Ling; 8
Hemlock Circle, Warren, NJ 07059 (US).
CHEN, Lei; 6 Vista Drive, Edison, NJ 08817
(US). SHU, Youheng; 1758 Talbot Road,
Blue Bell, PA 19422 (US).

(74) KALYANARAMAN, Palaiyur, S.; Scher-
ing-Plough Corporation, Patent Department -
K-6-1 1990, 2000 Galloping Hill Road, Ken-
ilworth, NJ 07033-0530 (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 HR HU ID IL
IN IS JP KG KR KZ LC LK LR LT LU LV
MA MD MG MK MN MX MZ NO NZ PH
PL PT RO RU SC SE SG SI SK SL TJ TM
TN TR TT TZ UA UZ VC VN YU ZA ZM.

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

Declarations / Déclarations :

(s) for the following designations / pour les
designations suivantes : 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 HR HU ID
IL IN IS JP KG KR KZ LC LK LR LT LU LV MA
MD MG MK MN MX MZ NO NZ PH PL PT RO
RU SC SE SG SI SK SL TJ TM TN TR TT TZ UA
UZ VC VN YU ZA ZM AP (GH GM KE LS MW
MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG
KZ MD RU TJ TM) EP (AT BE BG CH CY CZ

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

(t) for all designations / pour toutes les
designations

(51)⁷ C07D 209/14

(11) WO 03/042175 (13) A1

(21) PCT/ES02/00518

(22) 8 Nov/nov 2002 (08.11.2002)

(25) es (26) es

(30) P200102517 14 Nov/nov 2001 ES
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • SULPHONAMIDE DERIVATIVES, THE
PREPARATION THEREOF AND THE
APPLICATION OF SAME AS MEDICA-
MENTS

• DERIVES DE SULFONAMIDES, LEUR
PREPARATION ET LEUR APPLICA-
TION EN TANT QUE MEDICAMENTS

(71) LABORATORIOS DEL DR. ESTEVE,
S.A. [ES/ES]; Avda. Mare de Deu de
Montserrat, 221, E-08041 Barcelona (ES).

(72) MERCÉ-VIDAL, Ramón; Avda. Mare de
Deu de Montserrat, 221, E-08041 Barcelona
(ES). ANDALUZ-MATARÓ, Blas; Avda.
Mare de Deu de Montserrat, 221, E-08041
Barcelona (ES). FRIGOLA-CONSTANSA,
Jordi; Avda. Mare de Deu de Montserrat,
221, E-08041 Barcelona (ES).

(74) CARPINTERO LÓPEZ, Francisco; Her-
rero & Asociados, S.I., 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 TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ C07D 209/52, 401/12, 453/06, 471/08,
A61K 7/00, 7/02, 7/48, 31/403, 31/439,
31/4439, 31/55, A61P 1/02, 1/04, 17/00,
17/16, 19/02, 19/04, 19/08, 19/10, 25/00,
27/02, 29/00, 35/04, 43/00

(11) WO 03/042176 (13) A1

(21) PCT/JP02/11816

(22) 13 Nov/nov 2002 (13.11.2002)

(25) ja (26) ja

(30) 2001-347554 13 Nov/nov 2001 JP
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • AZABICYCLO COMPOUND, MATRIX
METALLOPROTEASE INHIBITOR,
AND SKIN PREPARATION

• COMPOSE AZABICYCLO, INHIBI-
TEUR DE METALLOPROTEASE MA-
TRICIELLE ET PREPARATION CUTA-
NEE

(71) SHISEIDO CO., LTD. [JP/JP]; 5-5, Ginza
7-chome, Chuo-ku, Tokyo 104-8010 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HIRUMA, Takuya [JP/JP]; c/o Shi-
seido Research Center, (Shin-Yokohama),
2-1, Hayabuchi 2-chome, Tsuzuki-ku,
Yokohama-shi, Kanagawa 224-8558 (JP).
KOBAYASHI, Koji [JP/JP]; c/o Shiseido
Research Center, (Shin-Yokohama), 2-1,
Hayabuchi 2-chome, Tsuzuki-ku, Yoko-
hama-shi, Kanagawa 224-8558 (JP). INO-
MATA, Shinji [JP/JP]; c/o Shiseido Research
Center, (Shin-Yokohama), 2-1, Hayabuchi
2-chome, Tsuzuki-ku, Yokohama-shi, Kana-
gawa 224-8558 (JP).

(74) IWAHASHI, Yuji; 1-11-8, Higashikana-
gawa, Kanagawa-ku, Yokohama-shi, Kana-
gawa 221-0044 (JP).

(81) US.

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

(51)⁷ C07D 211/58, 401/06, 409/06, 413/06,
417/06, A61K 31/4523, A61P 11/00, 17/00,
19/00, 29/00, 37/00

(11) WO 03/042177 (13) A1

(21) PCT/SE02/02054

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 0103819-9 15 Nov/nov 2001 SE
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • PIPERIDINE DERIVATIVES AND
THEIR USE AS MODULATORS OF
CHEMOKINE RECEPTOR ACTIVITY
(ESPECIALLY CCR5)

• DERIVES DE LA PIPERIDINE ET
LEURS UTILISATIONS COMME MO-
DULATEURS DE L'ACTIVITE DU
RECEPTEUR DE LA CHEMOKINE
(SPECIALEMENT DU CCR5)

(71) ASTRAZENECA AB [SE/SE]; S-151 85
Södertälje (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) CUMMING, John [GB/GB]; As-
traZeneca R & D Alderley, Alderley Park,
Macclesfield, Cheshire SK10 4TG (GB).
TUCKER, Howard [GB/GB]; AstraZeneca
R & D Alderley, Alderley Park, Macclesfield,
Cheshire SK10 4TG (GB).
(only for / seulement pour US)

(74) GLOBAL INTELLECTUAL PROP-
ERTY; AstraZeneca AB, S-151 85 Södertälje
(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 SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

(51)⁷ C07D 211/58, 401/12, 401/14, 405/12, 413/12, 409/12, 409/14, 417/12, A61K 31/4468, 31/4523, 31/5377, 31/541, A61P 1/00, 11/00, 17/00, 19/00, 29/00

(11) WO 03/042178 (13) A1

(21) PCT/SE02/02056

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 0127547.8 16 Nov/nov 2001 GB (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • NOVEL PIPERIDINE DERIVATIVES AS MODULATORS OF CHEMOKINE RECEPTORS

• NOUVEAUX DERIVES DE PIPERIDINE SERVANT DE MODULATEURS DE RECEPTEURS DE CHIMIOKINE

(71) ASTRAZENeca AB [SE/SE]; S-151 85 Södertälje (SE).

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

(72, 75) CUMMING, John [GB/GB]; AstraZeneca R & D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).

(74) GLOBAL INTELLECTUAL PROPERTY; AstraZeneca AB, S-151 85 Södertälje (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

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

(51)⁷ C07D 215/06, A61K 31/47, A61P 9/10

(11) WO 03/042179 (13) A1

(21) PCT/EP02/12505

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 0127141.0 10 Nov/nov 2001 GB (10.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • HETEROCYCLIC DERIVATIVES OF GLYCINAMIDE AND THEIR MEDICAL USE

• DERIVES HETEROCYCLIQUES DE GLYCINAMIDE ET LEUR UTILISATION MEDICALE

(71) SMITHKLINE BEECHAM P.L.C. [GB/GB]; 90 Great West Road, Brentford, Middlesex TW8 9GS (GB).

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

(72, 75) ELLIOTT, Richard, Leonard [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).

HICKEY, Deirdre, Mary, Bernadette [IE/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).

IFE, Robert, John [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).

LEACH, Colin, Andrew [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).

LIDDLE, John [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).

PINTO, Ivan, Leo [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).

STANWAY, Steven, James [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).

SMITH, Stephen, Allan [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).

(74) HACKETT, Ruth, Elizabeth; Corporate Intellectual Property, GlaxoSmithKline, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ C07D 215/14

(11) WO 03/042180 (13) A1

(21) PCT/JP02/11870

(22) 14 Nov/nov 2002 (14.11.2002)

(25) ja (26) ja

(30) 2001-348569 14 Nov/nov 2001 JP (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PROCESS FOR PRODUCING OPTICALLY ACTIVE OXOHEPTENOIC ACID ESTER

• PRODUCTION D'ESTER D'ACIDE OXOHEPTENOIQUE OPTIQUEMENT ACTIF

(71) NISSAN CHEMICAL INDUSTRIES, LTD. [JP/JP]; 7-1, Kandanishiki-cho 3-chome, Chikoda-ku, Tokyo 101-0054 (JP). SANKYO CHEMICAL INDUSTRIES,

LTD. [JP/JP]; 15-10, Nihonbashikobuna-cho, Chuo-ku, Tokyo 103-0024 (JP).

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

(72, 75) HORIUCHI, Takashi [JP/JP]; c/o Nissan Chemical Industries, Ltd. Chemical Research Laboratories, 722-1, Tsuboi-cho, Funabashi-shi, Chiba 274-8507 (JP).

SHIMIZU, Masamichi [JP/JP]; c/o Nissan Chemical Industries, Ltd. Chemical Research Laboratories, 722-1, Tsuboi-cho, Funabashi-shi, Chiba 274-8507 (JP).

KONDO, Shoichi [JP/JP]; c/o Nissan Chemical Industries, Ltd. Chemical Research Laboratories, 722-1, Tsuboi-cho, Funabashi-shi, Chiba 274-8507 (JP).

UMEO, Kazuhiro [JP/JP]; c/o Sankyo Chemical Industries, Ltd., 4-8, Nishiyawata 4-chome, Hiratsuka-shi, Kanagawa 254-0073 (JP).

SOEJIMA, Tadashi [JP/JP]; c/o Sankyo Chemical Industries, Ltd., 4-8, Nishiyawata 4-chome, Hiratsuka-shi, Kanagawa 254-0073 (JP).

HANABUSA, Tsuneo et al. / etc.; c/o Hanabusa Patent Office, Shin-Ochanomizu Urban Trinity, 2, Kandasurugadai 3-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 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C07D 223/16, 401/12, 401/14, 403/10, 403/12, 403/14, 409/14, 417/14, 401/06, 403/06, 405/14, A61K 31/55, A61P 7/12, 13/00, 43/00

(11) WO 03/042181 (13) A1

(21) PCT/JP02/11842

(22) 13 Nov/nov 2002 (13.11.2002)

(25) ja (26) ja

(30) 2001-350909 16 Nov/nov 2001 JP (16.11.2001)

(30) 2002-252931 30 Aug/août 2002 JP (30.08.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • 4,4-DIFLUORO-1,2,3,4-TETRAHYDRO-5H-1-BENZAZEPINE DERIVATIVES OR SALTS THEREOF

• DERIVES DE 4,4-DIFLUORO-1,2,3,4-TETRAHYDRO-5H-1-BENZAZEPINE, OU SELS DESDITS DERIVES

(71) YAMANOUCHI PHARMACEUTICAL CO., LTD. [JP/JP]; 3-11, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103-8411 (JP).

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

(72, 75) KOSHIO, Hiroyuki [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP).

TSUKAMOTO, Issei [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21,

- Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). **KURAMOCHI, Takahiro** [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). **AKAMATSU, Seijiro** [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). **SAITOH, Chikashi** [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP).
- (74) **NAGAI, Shozo et al.** / etc.; c/o Yamanouchi Pharmaceutical Co., Ltd., Patent Department, 17-1, Hasune 3-chome, Itabashi-ku, Tokyo 174-8612 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 223/28, A61K 31/55, A61P 25/24
(11) WO 03/042182 (13) A1
(21) PCT/EP02/12578
(22) 11 Nov/nov 2002 (11.11.2002)
(25) en (26) en
(30) 0127177.4 12 Nov/nov 2001 GB (12.11.2001)
(30) 0127176.6 12 Nov/nov 2001 GB (12.11.2001)
(30) 0127178.2 12 Nov/nov 2001 GB (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MONOHYDROXYCARBAMAZEPINE FOR USE IN THE PREPARATION OF A MEDICAMENT FOR THE TREATMENT OF AFFECTIVE AND ATTENTION DISORDER AND NEUROPATHIC PAIN
• UTILISATION DE MONOHYDROXY-CARBAMAZEPINE POUR PREPARER UN MEDICAMENT DESTINE AU TRAITEMENT DE TROUBLES AFFECTIFS ET DE L'ATTENTION ET DE DOULEURS NEUROPATHIQUES
- (71) **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).
(for all designated States except / pour tous les États désignés sauf AT US)
- (71) **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1235 Vienna (AT).
(only for / seulement pour AT)
- (72, 75) **SCHMUTZ, Markus** [CH/CH]; Baumgartenweg 24, CH-4124 Schoenenbuch (CH).
- (74) **GROS, Florent**; 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 LR LS LT LU LV MA MD MK MN MX NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- OM PH PL PT RO RU SE SG SI SK TJ TM TN TR TT UA US UZ VC VN YU ZA ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ C07D 231/20, 417/12, 413/12, 401/12, 413/14
(11) WO 03/042183 (13) A1
(21) PCT/JP02/11781
(22) 12 Nov/nov 2002 (12.11.2002)
(25) ja (26) ja
(30) 2001-347985 13 Nov/nov 2001 JP (13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCESS FOR PRODUCTION OF PYRAZOLE COMPOUNDS
• PROCEDE DE PRODUCTION DE COMPOSES PYRAZOLE
- (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) **TAWADA, Hiroyuki** [JP/JP]; 11-1, Miyanakawahara 1-chome, Takatsuki-shi, Osaka 569-1032 (JP). **YAMASHITA, Makoto** [JP/JP]; 17-15-602, Minamitsukaguchicho 2-chome, Amagasaki-shi, Hyogo 661-0012 (JP). **IKEMOTO, Tomomi** [JP/JP]; 11-5, Yamatomomaruhashi 2-chome, Takarazuka-shi, Hyogo 665-0815 (JP). **NISHIGUCHI, Atsuko** [JP/JP]; 151, Minamisuzuhara 3-chome, Itami-shi, Hyogo 664-0883 (JP).
- (74) **TAKAHASHI, Shuichi et al.** / etc.; c/o Osaka Plant of TAKEDA CHEMICAL INDUSTRIES, LTD., 17-85, Jusohonmachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0024 (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 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07D 235/10, A01N 43/38, 43/52, C07D 209/08, 235/06, 235/28, 417/04
(11) WO 03/042184 (13) A1
(21) PCT/EP02/12709
(22) 13 Nov/nov 2002 (13.11.2002)
(25) en (26) en
(30) 2103/01 14 Nov/nov 2001 CH (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • BENZIMIDAZOL- OR INDOL-AMINOACETONITRILE DERIVATIVES FOR PARASITE CONTROL
• DERIVES DE BENZIMIDAZOL- OU D'INDOL-AMINOACETONITRILE
- DESTINES A LA LUTTE CONTRE LES PARASITES
- (71) **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).
(for all designated States except / pour tous les États désignés sauf AT US)
- (71) **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1235 Vienna (AT).
(only for / seulement pour AT)
- (72, 75) **DUCRAY, Pierre** [FR/FR]; Rue de Huningue 15A, 68300 Saint-Louis (DE). **GOEBEL, Thomas** [DE/DE]; Lettenweg 28B, 79539 Lörrach (DE).
- (74) **GROS, Florent**; Novartis AG, Corporate Intellectual Property, Patent and 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 LR LS LT LU LV MA MD MK MN MX NO NZ OM PH PL PT RO RU SE SG SI SK TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
-
- (51)⁷ C07D 235/18, 263/56, 277/66, 471/04, 473/30, 473/34, 473/40, 498/04, A61K 31/4184, 31/423, 31/428, 31/437, 31/519, 31/52, 31/522, A61P 3/00, 13/12, 19/06, 43/00
(11) WO 03/042185 (13) A1
(21) PCT/JP02/11893
(22) 14 Nov/nov 2002 (14.11.2002)
(25) ja (26) ja
(30) 2001-352340 16 Nov/nov 2001 JP (16.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • XANTHINE OXIDASE INHIBITORS
• INHIBITEURS DE LA XANTHINE OXYDASE
- (71) **NIPPON CHEMIPHAR CO.,LTD.** [JP/JP]; 2-3, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 101-8678 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YOSHIDA, Shinichi** [JP/JP]; 6-4-1, Nishifuna, Funabashi-shi, Chiba 273-0031 (JP). **TENDO, Atsushi** [JP/JP]; 299-1-704, Oaza Hibori, Kasukabe-shi, Saitama 344-0005 (JP). **KOBAYASHI, Kunio** [JP/JP]; 5-1-3-202, Waseda, Misato-shi, Saitama 341-0018 (JP). **MOCHIDUKI, Nobutaka** [JP/JP]; 1-30-238, Abiko, Abiko-shi, Chiba 270-1166 (JP). **YAMAKAWA, Tomio** [JP/JP]; 2-23-2, Midoridai, Kashiwa-shi, Chiba 277-0884 (JP). **SHINOHARA, Yoriko** [JP/JP]; 3-2-5-209, Makuharihongo, Hanamigawa-ku, Chiba-shi, Chiba 262-0033 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

(u) for / pour US only / seulement

(51)⁷ C07D 239/46, 295/08, A61K 31/505, A61P 31/06

(11) WO 03/042186 (13) A1

(21) PCT/EP02/12826

(22) 18 Nov/nov 2002 (18.11.2002)

(25) en (26) en

(30) 01 127 296.0 17 Nov/nov 2001 EP (17.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DITHIOCARBAMATE DERIVATIVES AND THEIR USE AS ANTIBACTERIAL AGENTS

• DERIVES DE DITHIOCARBAMATE, ET LEUR UTILISATION COMME AGENTS ANTIBACTERIENS

(71) MEDAC GESELLSCHAFT FÜR KLINISCHE SPEZIALPRÄPARATE MBH [DE/DE]; Fehlandtstrasse 3, 20354 Hamburg (DE).

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(72, 75) MÖLLMANN, Ute [DE/DE]; Schlen-dorfer Oberweg 17, 07749 Jena (DE). MAKAROV, Vadim [RU/RU]; Kutzovskii prospekt K. 4/2, Ap 255, Moscow 121059 (RU).

(74) WEBER-QUITZAU, Martin et al. / etc.; Uexküll & Stolberg, Beselerstrasse 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C07D 241/08, 401/04, 401/06, 403/04, 405/04, 405/12, 409/04, A61K 31/495, A61P 29/00, 35/00, 37/08

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(22) 13 Nov/nov 2002 (13.11.2002)

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(30) 101 55 727.2 13 Nov/nov 2001 DE (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SERIN PROTEASE INHIBITORS
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(71) MORPHOCHEM AKTIENGESELLSCHAFT FÜR KOMBINATORISCHE CHEMIE [DE/DE]; Gmunder Strasse 37-37a, 81379 München (DE).

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(72, 75) ILLGEN, Katrin [DE/DE]; Pasinger Strasse 28, 82152 Planegg (DE). FUCHS, Thilo [DE/DE]; Hellerholz 3, 82061 Neuried (DE). NERDINGER, Sven [DE/DE]; Andresenstrasse 5, 82008 Unterhaching (DE).

(74) FORSTMAYER, Dietmar et al. / etc.; Boeters & Bauer, Bereiteranger 15, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ C07D 249/08, 401/10, 401/14, 403/10, 403/14, 513/04, 413/10, 417/10, 403/12, A61K 31/4196, 31/429, 31/4439, 31/4523, 31/454, 31/4709, 31/4725, 31/506, 31/5377, 31/433, 31/422, 31/4245, 31/498 // A61P 31/10

(11) WO 03/042188 (13) A1

(21) PCT/JP02/11960

(22) 15 Nov/nov 2002 (15.11.2002)

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(30) 2001-349783 15 Nov/nov 2001 JP (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • TRIAZOLE DERIVATIVE AND MEDICINAL COMPOSITION CONTAINING THE SAME

• DERIVE DE TRIAZOLE, ET COMPOSITION MEDICAMENTEUSE RENFERMANT CE DERIVE

(71) MEIJI SEIKA KAISHA, LTD. [JP/JP]; 4-16, Kyobashi 2-chome, Chuo-ku, Tokyo 104-8002 (JP).

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(72, 75) SETSU, Fumihito [JP/JP]; c/o Pharmaceutical Research Center, Meiji Seika Kaisha, Ltd., 760, Morooka-cho, Kouhoku-ku, Yokohama-shi, Kanagawa 222-8567 (JP). UMEMURA, Eijirou [JP/JP]; c/o Pharmaceutical Research Center, Meiji Seika Kaisha, Ltd., 760, Morooka-cho, Kouhoku-ku, Yokohama-shi, Kanagawa 222-8567 (JP). SASAKI, Kazue [JP/JP]; c/o Pharmaceutical Research Center, Meiji Seika Kaisha, Ltd., 760, Morooka-cho, Kouhoku-ku, Yokohama-shi, Kanagawa 222-8567 (JP). TADAUCHI, Kaori [JP/JP]; c/o Pharmaceutical Research Center, Meiji Seika Kaisha, Ltd., 760, Morooka-cho, Kouhoku-ku, Yokohama-shi, Kanagawa 222-8567 (JP). OKUTOMI, Takafumi [JP/JP]; c/o Pharmaceutical Research Center, Meiji Seika Kaisha, Ltd., 760, Morooka-cho, Kouhoku-ku, Yokohama-shi, Kanagawa 222-8567 (JP). OHTSUKA, Keiko [JP/JP]; c/o Pharmaceutical Research Center, Meiji Seika Kaisha, Ltd., 760, Morooka-cho, Kouhoku-ku, Yokohama-shi, Kanagawa 222-8567 (JP). TAKAHATA, Shou [JP/JP]; c/o Pharmaceutical Research Center, Meiji Seika Kaisha, Ltd., 760, Morooka-cho, Kouhoku-ku, Yokohama-shi, Kanagawa 222-8567 (JP).

(74) YOSHITAKE, Kenji et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C07D 249/10, 249/14, 405/06

(11) WO 03/042189 (13) A1

(21) PCT/JP02/11981

(22) 15 Nov/nov 2002 (15.11.2002)

(25) ja (26) ja

(30) 2001-350843 15 Nov/nov 2001 JP (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PROCESS FOR PRODUCING 1-H-1,2,4-TRIAZOLE-3-CARBOXYLIC ACID ESTER

• PROCEDE DE PREPARATION D'UN ESTER DE L'ACIDE 1-H-1,2,4-TRIAZOLE-3-CARBOXYLIQUE

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- (JP). **YOSHIDA, Kazuhiro** [JP/JP]; c/o SHIONOGI & CO., LTD., 1-3, Kuiseterajima 2-chome, Amagasaki-shi, Hyogo 660-0813 (JP).
- (74) **YAMAMOTO, Shusaku** et al. / etc.; Crystal Tower, 15th Floor, 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 253/06, C07C 13/615, A61P 37/00, 11/06, 29/00
- (11) WO 03/042190 (13) A1
- (21) PCT/IB02/04043
- (22) 30 Sep/sep 2002 (30.09.2002)
- (25) en (26) en
- (30) 60/336,892 12 Nov/nov 2001 US (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • N-ALKYL-ADAMANTYL DERIVATIVES AS P2X7-RECEPTOR ANTAGONISTS
- DERIVES DE N-ADAMANTYLALKYLE BENZAMIDE EN TANT QU'ANTAGONISTES DU RECEPTEUR P2X7
- (71) **PFIZER PRODUCTS INC.** [US/US]; Eastern Point Road, Groton, CT 06340 (US).
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- (72, 75) **DUPLANTIER, Allen, Jacob** [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).
- (74) **LUMB, Trevor, J. et al.** / etc.; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 253/075, 409/12, 407/12, 211/76, 213/64, 241/08, 263/24, 279/16, 249/12, A61K 31/53, A61P 31/00
- (11) WO 03/042191 (13) A1
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- (22) 4 Nov/nov 2002 (04.11.2002)
- (25) en (26) en
- (30) 60/336,781 12 Nov/nov 2001 US (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • BENZAMIDE AND HETEROARYLAMIDE AS P2X7 RECEPTOR ANTAGONISTS
- BENZAMIDE ET HETEROARYLAMIDE UTILISES COMME ANTAGONISTES DU RECEPTEUR P2X7
- (71) **PFIZER PRODUCTS INC.** [US/US]; Eastern Point Road, Groton, CT 06340 (US).
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- (72, 75) **DUPLANTIER, Allen, Jacob** [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).
- (74) **LUMB, J., Trevor et al.** / etc.; c/o Simpson, Alison, Urquhart-Dykes & Lord, 39 Welbeck Street, London W1G 8ER (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 253/10
- (11) WO 03/042192 (13) A1
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- (25) en (26) en
- (30) 60/338,139 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PREPARATION OF 3-AMINO-1,2,4-BENZOTRIAZINE DIOXIDE
- PREPARATION DE 3-AMINO-1,2,4-BENZOTRIAZINE DIOXYDE
- (71) **SANOFI-SYNTHELABO** [FR/FR]; 174, avenue de France, F-75013 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BURGOS, Alain, A.** [FR/FR]; 6, rue Paul Verlaine, F-49000 Angers (FR).
- (74) **VARADY, Peter;** Sanofi-Synthelabo, 174, avenue de France, F-75013 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ C07D 261/18
- (11) WO 03/042193 (13) A1
- (21) PCT/US02/35463
- (22) 5 Nov/nov 2002 (05.11.2002)
- (25) en (26) en
- (30) 60/344,951 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCESS FOR PREPARING 5-METHYLISOXAZOLE-4-CARBOXYLIC-(4'-TRIFLUOROMETHYL)-ANILIDE
- PROCEDE DE PREPARATION DE (4'-TRIFLUOROMETHYL)-ANILIDE 5-METHYLISOXAZOLE-4-CARBOXYLIQUE
- (71) **GENEVA PHARMACEUTICALS, INC.** [US/US]; 2655 West Midway Boulevard, Broomfield, CO 80038 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RAY, Anup, Kumar** [IN/US]; 215 Aspen Knolls Way, Staten Island, NY 10312 (US). **PATEL, Hiren, Kumar, V.** [US/US]; 9 Wadsworth Lane, Fords, NH 08863 (US). **PATEL, Mahendra, R.** [US/US]; 18 Timothy Lane, East Brunswick, NJ 08816 (US).
- (74) **LOPEZ, Gabriel et al.** / etc.; Novartis Pharmaceuticals Corporation, Patent & Trademark Department, 564 Morris Avenue, Summit, NJ 07901-1027 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 263/32, 277/42, 413/04, 413/10, 417/10, A61K 31/421, 31/422, 31/427, 31/433, 31/4439, 31/454, 31/4545, 31/496, 31/497, 31/5355, 31/5377, 31/55, A61P 3/00, 3/04, 3/06, 3/10, 9/00, 9/10, 9/12, 25/00, 43/00
- (11) WO 03/042194 (13) A1
- (21) PCT/IP02/11729
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) ja (26) ja
- (30) 2001-346583 12 Nov/nov 2001 JP (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CARBOXYLIC ACID DERIVATIVE COMPOUNDS AND DRUGS CONTAINING THE SAME AS THE ACTIVE INGREDIENT

- COMPOSES DERIVES D'ACIDE CARBOXYLIQUE ET MEDICAMENTS CONTENANT CES COMPOSES EN TANT QUE PRINCIPE ACTIF
- (71) **ONO PHARMACEUTICAL CO., LTD.** [JP/JP]; 1-5, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-8526 (JP).
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- (72, 75) **TAJIMA, Hisao** [JP/JP]; c/o Minase Research Institute, Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). **NAKAYAMA, Yoshisuke** [JP/JP]; c/o Minase Research Institute, Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP).
- (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 265/00**
- (11) **WO 03/042195** (13) A2
- (21) PCT/US02/35571
- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) en (26) en
- (30) 10/008,787 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **PHOTOCHROMIC OXAZINE COMPOUNDS AND METHODS FOR THEIR MANUFACTURE**
- **COMPOSES D'OXAZINE PHOTOCHROMES ET LEURS PROCÉDES DE FABRICATION**
- (71) **JOHNSON & JOHNSON VISION CARE, INC.** [US/US]; 7500 Centurion Parkway, Suite 100, Jacksonville, FL 32256 (US).
- (72) **ZHAO, Weili**; Hirzenbachstrasse 77/8, CH-8051 Zurich (CH). **CARREIRA, Erick, M.**; Chapfstrasse 73, CH-8124 Zumikon (CH).
- (74) **JOHNSON, Philip** 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD
- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 265/16, 498/04, 413/04, C08G 14/06, 73/10, 77/382**
- (11) **WO 03/042196** (13) A1
- (21) PCT/US02/35987
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 10/008,591 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **BENZOXAZINESHAVING POLYMERIZABLE SIDE GROUPS, THERMOSETTING RESINS COMPRISED THEREOF, AND METHODS FOR USE THEREOF**
- **BENZOXAZINES COMPORTANT DES GROUPEES LATÉRAUX POLYMERISABLES, RESINES THERMODURCISABLES COMPRISES DANS LESDITS COMPOSES, ET METHODES D'UTILISATION ASSOCIEES**
- (71) **HENKEL LOCTITE CORPORATION** [US/US]; 1001 Trout Brook Crossing, Rocky Hill, CT 06067 (US).
- (72) **DERSHEM, Stephen, M.**; 9097 Truman Street, San Diego, CA 92129 (US). **LIU, Puwei**; 9494 Carroll Canyon Road, No. 5, San Diego, CA 92126 (US). **MIZORI, Farhad**; 4341 Spring Street, No. 38, La Mesa, CA 91941 (US).
- (74) **CUNNINGHAM, Marina, F.** et al. / etc.; McCormick, Paulding & Huber LLP, 185 Asylum Street, CityPlace II, Hartford, CT 06103-3402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 271/06, 271/10, A61K 31/4245**
- (11) **WO 03/042197** (13) A1
- (21) PCT/US02/36396
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (30) 60/332,605 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **OLIGOPEPTIDES AND COMPOSITIONS CONTAINING THEM AS CATHEPSIN S INHIBITORS**
- **NOUVEAUX COMPOSES ET COMPOSITIONS JOUANT LE ROLE D'INHIBITEURS DE CATHEPSINE S**
- (71) **AVENTIS PHARMACEUTICALS INC.** [US/US]; 300 Somerset Corporate Boulevard,
- Bridgewater, NJ 08807-2854 (US). **AXYS PHARMACEUTICALS, INC.** [US/US]; 180 Kimball Way, South San Francisco, CA 94080 (US).
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- (72, 75) **LI, Jiayao** [CN/US]; 442 Milton Avenue, Apartment 3, San Bruno, CA 94066 (US). **ALDOUS, David, J.** [US/US]; 268 Gates Avenue, Gillette, NJ 07933 (US). **THURAIRATNAM, Sukanthini** [GB/US]; 6 Smoke Rise Lane, Bedminster, NJ 07921 (US).
- (74) **WANG, George, G.** et al. / etc.; Aventis Pharmaceuticals Inc., P.O. Box 6800, Route 202-206, Bridgewater, NJ 08807-0800 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (21) PCT/EP02/12255
- (22) 4 Nov/nov 2002 (04.11.2002)
- (25) en (26) en
- (30) 2001-350230 15 Nov/nov 2001 JP (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **ISOTHIAZOLE DERIVATIVES**
- **DERIVES D'ISOTHIAZOLE**
- (71) **BAYER CROPSCIENCE AKTIENGESELLSCHAFT** [DE/DE]; Alfred-Nobel-Str. 50, 40789 Monheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ASSMANN, Lutz** [DE/DE]; Postgartenstr. 10, 40764 Langenfeld (DE). **KITAGAWA, Yoshinori** [JP/JP]; 1085, Aramachi, Moka-shi, Tochigi 321-4305 (JP). **SAWADA, Haruko** [JP/JP]; 848-4, Odabayashi, Yuki-shi, Ibaraki 307-0007 (JP). **SHIGYO, Takuma** [JP/JP]; 2-13-3, Joto, Oyama-shi, Tochigi 323-0807 (JP).
- (74) **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**; Legal and Patents, Patents and Licensing, 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

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

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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations

(51)⁷ C07D 277/82, C07C 50/26, 50/24, 50/02, 50/12, 50/04, A61K 7/13

(11) WO 03/042199 (13) A1

(21) PCT/EP02/09381

(22) 22 Aug/août 2002 (22.08.2002)

(25) de (26) de

(30) 101 55 907.0 14 Nov/nov 2001 DE (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • AGENT AND METHOD FOR COLORING KERATIN FIBERS CONTAINING 2-BENZOTHAZOLINONE-HYDRAZONE AND QUINONE DERIVATIVES
• AGENTS ET PROCEDE DE COLORATION DE FIBRES KERATINIQUES RENFERMANT DES DERIVES DE LA 2-BENZOTHAZOLINONE-HYDRAZONE ET DE LA QUINONE

(71) WELLA AKTIENGESELLSCHAFT [DE/DE]; RP, Berliner Allee 65, 64274 Darmstadt (DE).
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(72, 75) PASQUIER, Cécile [CH/CH]; Imp. des Primevères, CH-1723 Marly (CH). UMBRICH, Gisela [CH/CH]; Route du Confin 54, CH-1723 Marly (CH). BUCLIN-CHARRIÈRE, Véronique [CH/CH]; Les Floréales 8, CH-1638 Morlon (CH). OBERSON, Sylviane [CH/CH]; Faubourg 132, CH-1730 Ecuwillens (CH). BRAUN, Hans-Jürgen [DE/CH]; Kapellacker 19, CH-3182 Ueberstorf (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C07D 307/08

(11) WO 03/042200 (13) A1

(21) PCT/US02/37317

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/348,862 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CONVERSION OF TETRAHYDROXYBUTANE TO TETRAHYDROFURAN
• CONVERSION DE TETRAHYDROXYBUTANE EN TETRAHYDROFURANE

(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)

(71, 72) MANZER, Leo, E. [US/US]; 714 Burnley Road, Wilmington, DE 19803 (US).

(74) BELOPOLSKY, Inna, Y.; E.I. DU PONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

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

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

Published / Publiée : (c)

(51)⁷ C07D 307/08

(11) WO 03/042201 (13) A1

(21) PCT/US02/37318

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/348,863 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • HYDROGENATION OF 3,4-TETRAHYDROFURANDIOL TO TETRAHYDROFURAN
• HYDROGENATION DE 3,4-TETRAHYDROFURANDIOL EN TETRAHYDROFURANE

(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) MANZER, Leo, E. [US/US]; 714 Burnley Road, Wilmington, DE 19803 (US).

(74) BELOPOLSKY, Inna, Y.; E.I. du Pont De Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

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

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

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

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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

(51)⁷ C07D 307/87, A61K 31/343, A61P 25/24

(11) WO 03/042202 (13) A1

(21) PCT/IB02/04742

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 1144/DEL/2001 13 Nov/nov 2001 IN (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ISOBENZOFURAN DERIVATIVES
• DERIVES D'ISOBENZOFURANE

(71) RANBAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, 110 019 New Dehli (IN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUMAR, Yatendra [IN/IN]; U-26/5, Phase - III, DLF Qutab Enclave, Haryana, 122001 Gurgaon (IN). ARYAN, Ram, Chander [IN/IN]; 1066, Sector A, Pocket A, Vasant Kunj, Delhi, 110070 New Delhi (IN). BHUSHAN, Kumar, Hari [IN/IN]; BD-142, Janak Puri, Delhi, 110058 New Delhi (IN).

(74) RANBAXY LABORATORIES LIMITED; c/o Deshmukh, Jayadeep R., 600 College Road East, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C07D 311/78, 311/94, 491/06, 493/06, 311/96, G03C 1/73, G02B 5/23, 1/04, G02C 7/10

(11) WO 03/042203 (13) A1

(21) PCT/JP02/11935

(22) 15 Nov/nov 2002 (15.11.2002)

(25) ja (26) ja

(30) 2001-352333 16 Nov/nov 2001 JP
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CHROMENE COMPOUND
• COMPOSE DE CHROME

(71) TOKUYAMA CORPORATION [JP/JP]; 1-1, Mikage-cho, Tokuyama-shi, Yamaguchi 745-0053 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IZUMI, Shinobu [JP/JP]; c/o Tokuyama Corporation, 1-1, Mikage-cho, Tokuyama-shi, Yamaguchi 745-0053 (JP). NAGOH, Hironobu [JP/JP]; c/o Tokuyama Corporation, 1-1, Mikage-cho, Tokuyama-shi, Yamaguchi 745-0053 (JP).

(74) ONO, Hisazumi et al. / etc.; Nippon Shuzo bldg., 1-21, Nishi-Shimbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) AU JP KR US.

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

(51)⁷ C07D 401/06, 401/14, 405/14, A61K 31/4709, 31/4725, 31/496, 31/5377, 31/541, 31/551, A61P 3/10, 43/00

(11) WO 03/042204 (13) A1

(21) PCT/JP02/10800

(22) 17 Oct/oct 2002 (17.10.2002)

(25) ja (26) ja

(30) 2001-322897 19 Oct/oct 2001 JP
(19.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • AMINE DERIVATIVE
• DERIVE D'AMINE

(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) ABE, Hidenori [JP/JP]; 1-3, Satsuki-gaoka 5-chome, Ikeda-shi, Osaka 563-0029 (JP). KASAI, Shizuo [JP/JP]; 18-D-76-307, Tsukumodai 5-chome, Suita-shi, Osaka 565-0862 (JP). TAKEKAWA, Shiro [JP/JP]; 12-8-508, Miyanishicho, Nishinomiya-shi, Hyogo 662-0976 (JP). WATANABE, Masanori [JP/JP]; 18-D-73-301, Tsukumodai 5-chome, Suita-shi, Osaka 565-0862 (JP).

(74) TAKAHASHI, Shuichi et al. / etc.; c/o Osaka Plant of TAKEDA CHEMICAL INDUSTRIES, LTD., 17-85, Jusohomachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0024 (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 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C07D 401/06, 401/14, 403/06, 417/14, A61K 31/4545, 31/496, A61P 11/00, 17/00, 19/00, 29/00, 37/00

(11) WO 03/042205 (13) A1

(21) PCT/SE02/02055

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 0103818-1 15 Nov/nov 2001 SE
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PIPERIDINE DERIVATIVES AND THEIR USE AS MODULATORS OF CHEMOKINE RECEPTOR ACTIVITY (ESPECIALLY CCR5)

• DERIVES DE LA PIPERIDINE ET LEUR UTILISATION COMME MODULATEURS DE L'ACTIVITE DU RECEPTEUR DE CHIMIOKINE (NOTAMMENT DE CCR5)

(71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TUCKER, Howard [GB/GB]; AstraZeneca R & D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).

(74) GLOBAL INTELLECTUAL PROPERTY; AstraZeneca AB, S-151 85 Södertälje (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

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

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

(51)⁷ C07D 401/12, 215/22, 215/36, 239/95, 239/56, A61K 31/517, A61P 9/10

(11) WO 03/042206 (13) A1

(21) PCT/EP02/12504

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 0127139.4 10 Nov/nov 2001 GB
(10.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PYRIDINONE AND PYRIMIDINONE COMPOUNDS
• COMPOSES PYRIDINONE ET PYRIMIDINONE

(71) SMITHKLINE BEECHAM P.L.C. [GB/GB]; 980 Great West Road, Brentford, Middlesex TW8 9GS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEACH, Colin, Andrew [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). SMITH, Stephen, Allan [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).

(74) HACKETT, Ruth, Elizabeth; Corporate Intellectual Property, GlaxoSmithKline, 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C07D 417/04, 417/14, 471/04, A61K 31/427, A61P 17/02

(11) WO 03/042207 (13) A1

(21) PCT/EP02/12892

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 0127433.1 15 Nov/nov 2001 GB
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • THIAZOLYL SUBSTITUTED TRIAZOLES AS ALK5 INHIBITORS
• TRIAZOLES A SUBSTITUANT THIAZOLYLE UTILISES COMME INHIBITEURS DE ALK5

(71) SMITHKLINE BEECHAM CORPORATION [US/US]; One Franklin Plaza, P.O. Box 7929, Philadelphia, PA 19101 (US). 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).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **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) **ROWDEN, Janette, Yvonne**; GlaxoSmithKline, Corporate Intellectual Property CN925.1, 980 Great West Road, Brentford, Middlesex TW8 9EP (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 417/14, 413/14, 401/14, 403/14, 403/04
(11) WO 03/042208 (13) A1
(21) PCT/EP02/11464
(22) 14 Oct/oct 2002 (14.10.2002)
(25) en (26) en
(30) 01126531.1 14 Nov/nov 2001 EP (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • PYRAZOLE DERIVATIVES AS PSYCHOPHARMACEUTICALS
• DERIVES DE PYRAZOLE UTILISES EN TANT QUE PRODUITS PSYCHOPHARMACEUTIQUES
- (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) **BÖTTCHER, Henning** [DE/DE]; Stiftstrasse 12, 64287 Darmstadt (DE). **SEYFRIED, Christoph** [DE/DE]; Mathildenstrasse 6, 64342 Seeheim-Jugenheim (DE). **VAN AMSTERDAM, Christoph** [DE/DE]; Schepp Allee 47, 64295 Darmstadt (DE). **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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ C07D 453/02, A61K 31/435, A61P 43/00
(11) WO 03/042210 (13) A1
(21) PCT/US02/31611
(22) 1 Nov/nov 2002 (01.11.2002)
(25) en (26) en
(30) 60/345,075 9 Nov/nov 2001 US (09.11.2001)
(30) 60/344,905 21 Dec/déc 2001 US (21.12.2001)
(30) 60/365,278 18 Mar/mar 2002 US (18.03.2002)
(30) 60/413,234 24 Sep/sep 2002 US (24.09.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PHENYL SUBSTITUTED TRIAZOLES AND THEIR USE AS SELECTIVE INHIBITORS OF AKL5 KINASE
• TRIAZOLES A SUBSTITUTION PHENYLE ET LEUR UTILISATION EN TANT QU'INHIBITEURS SELECTIFS DE LA KINASE ALK5
- (71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, P.O. Box 7929, Philadelphia, PA 19101 (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
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • AZABICYCLIC-PHENYL-FUSED-HETEROCYCLIC COMPOUNDS AND THEIR USE AS ALPHA7 NACHR LIGANDS
• COMPOSES HETEROCYCLIQUES FUSIONNES AVEC UN GROUPE PHENYL-AZABICYCLIQUE ET LEUR UTILISATION EN TANT QUE LIGANDS DE RECEPTEUR NACHR ALPHA 7
- (71) **PHARMACIA & UPJOHN COMPANY** [US/US]; 301 Henrietta Street, Kalamazoo, MI 49001 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WALKER, Daniel, P.** [US/US]; 9350 Highlandview Drive, Kalamazoo, MI 49009 (US). **JACOBSEN, Jon, E.** [US/US]; 6233 Bethany Circle, Richland, MI 49083 (US). **ACKER, Brad, A.** [US/US]; 1734 Tanager Lane, Kalamazoo, MI 49009 (US). **GROPPI, Vincent, E.** [US/US]; 318 Sprague Avenue, Kalamazoo, MI 49006 (US). **PIOTROWSKI, David, W.** [US/US]; 3248 Lost Pine Way, Portage, MI 49024 (US).
- (74) **HOSLEY, Mary, J.**; Global Intellectual Property, Pharmacia & Upjohn Company, 301 Henrietta Street, Kalamazoo, MI 49001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ C07D 471/04, 265/36, 285/14, 249/06, A61K 31/41, A61P 25/28, 19/00, 3/12, 9/10
(11) WO 03/042211 (13) A1
(21) PCT/EP02/13482
(22) 14 Nov/nov 2002 (14.11.2002)
(25) en (26) en
(30) 0127430.7 15 Nov/nov 2001 GB (15.11.2001)
(43) 22 May/mai 2003 (22.05.2003)

- 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) ROWDEN, Janette, Yvonne; GlaxoSmithKline, Corporate Intellectual Property CN925.1, 980 Great West Road, Brentford, Middlesex TW8 9EP (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C07D 471/04
- (11) WO 03/042212 (13) A1
- (21) PCT/HU02/00120
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) hu (26) en
- (30) P0104873 13 Nov/nov 2001 HU (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • IMPROVED PROCESS FOR THE PREPARATION OF 3-{2-[4-(6-FLUORO-1,2-BENZISOXAZOL-3-YL)-1-PIPERIDINYL]ETHYL}-6,7,8,9-TETRAHYDRO-2-METHYL-4H-PYRIDO[1,2-A]PYRIMIDIN-4-ONE
- PROCEDE AMELIORE DE PREPARATION DE 3-[2-[4-(6-FLUORO-1,2-BENZISOXAZOL-3-YL)-1-PIPERIDINYL]EXCL;ETHYL]-6,7,8,9-TETRAHYDRO-2-METHYL-4H-PYRIDO[1,2-A]EXCL;PYRIMIDIN-4-ONE
- (71) EGIS GYÓGYSZERGYÁR RT. [HU/HU]; Keresztúri út 30-38, H-1106 Budapest (HU). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PONGÓ, László [HU/HU]; Hold u. 31, H-2144 Kerepes (HU). REITER, József [HU/HU]; Tövis u. 32/b, H-1022 Budapest (HU). SIMIG, Gyula [HU/HU]; Hollósy S. u. 25, H-1126 Budapest (HU). BEREZ, Gábor [HU/HU]; Bihari út 17, H-1107 Budapest (HU). CLEMENTIS, György [HU/HU]; Regós u. 9, H-1118 Budapest (HU). SLÉGEL, Péter [HU/HU]; Eötvös u. 31, H-1067 Budapest (HU). SZULÁGYI, János [HU/HU]; Reviczky ezredes u. 8, H-1033 Budapest (HU). KONCZ, László [HU/HU]; Szőlő u. 1/a, H-2146 Mogyoród (HU). VERECZKEYNÉ DONÁTH, Györgyi [HU/HU]; Lajos u. 49/b, H-1036 Budapest (HU). NAGY, Kálmán [HU/HU]; Turista u. 2/a, H-1025 Budapest (HU). KÖRTVÉLYESSY, Gyuláné [HU/HU]; Bimbó út 30, H-1022 Budapest (HU).
- (74) ADVOPATENT; Office of Patent and Trademark Attorneys, P.O. Box 11, H-1251 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C07D 471/04
- (11) WO 03/042212 (13) A1
- (21) PCT/HU02/00120
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) hu (26) en
- (30) P0104873 13 Nov/nov 2001 HU (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • IMPROVED PROCESS FOR THE PREPARATION OF 3-{2-[4-(6-FLUORO-1,2-BENZISOXAZOL-3-YL)-1-PIPERIDINYL]ETHYL}-6,7,8,9-TETRAHYDRO-2-METHYL-4H-PYRIDO[1,2-A]PYRIMIDIN-4-ONE
- PROCEDE AMELIORE DE PREPARATION DE 3-[2-[4-(6-FLUORO-1,2-BENZISOXAZOL-3-YL)-1-PIPERIDINYL]EXCL;ETHYL]-6,7,8,9-TETRAHYDRO-2-METHYL-4H-PYRIDO[1,2-A]EXCL;PYRIMIDIN-4-ONE
- (71) EGIS GYÓGYSZERGYÁR RT. [HU/HU]; Keresztúri út 30-38, H-1106 Budapest (HU). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PONGÓ, László [HU/HU]; Hold u. 31, H-2144 Kerepes (HU). REITER, József [HU/HU]; Tövis u. 32/b, H-1022 Budapest (HU). SIMIG, Gyula [HU/HU]; Hollósy S. u. 25, H-1126 Budapest (HU). BEREZ, Gábor [HU/HU]; Bihari út 17, H-1107 Budapest (HU). CLEMENTIS, György [HU/HU]; Regós u. 9, H-1118 Budapest (HU). SLÉGEL, Péter [HU/HU]; Eötvös u. 31, H-1067 Budapest (HU). SZULÁGYI, János [HU/HU]; Reviczky ezredes u. 8, H-1033 Budapest (HU). KONCZ, László [HU/HU]; Szőlő u. 1/a, H-2146 Mogyoród (HU). VERECZKEYNÉ DONÁTH, Györgyi [HU/HU]; Lajos u. 49/b, H-1036 Budapest (HU). NAGY, Kálmán [HU/HU]; Turista u. 2/a, H-1025 Budapest (HU). KÖRTVÉLYESSY, Gyuláné [HU/HU]; Bimbó út 30, H-1022 Budapest (HU).
- (74) ADVOPATENT; Office of Patent and Trademark Attorneys, P.O. Box 11, H-1251 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C07D 473/00, 473/06, 473/08, A61K 31/52, A61P 1/12, 11/06, 25/16, 25/28, 35/00
- (11) WO 03/042214 (13) A2
- (21) PCT/US02/35880
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 60/348,222 9 Nov/nov 2001 US (09.11.2001)
- (30) 60/401,408 5 Aug/août 2002 US (05.08.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A_{2B} ADENOSINE RECEPTOR ANTAGONISTS
- ANTAGONISTES DE RECEPTEUR D'ADENOSINE A_{2B}
- (71) CV THERAPEUTICS, INC. [US/US]; 3172 Porter Drive, Palo Alto, CA 94304 (US).
- (72) KALLA, Rao; 541 Del Medio Avenue, #224, Mountain View, CA 94040 (US). PERRY, Thao; 4851 Via de Caballe, San Jose, CA 95118 (US). ELZEIN, Elfatih; 4644 Creekwood Drive, Fremont, CA 94555 (US). VARKHEDKAR, Vaibhav; 7655 Palmilla Drive, San Diego, CA 92122 (US). LI, Xiaofen; 3860 Park Blvd., #3B, Palo Alto, CA 94306 (US). IBRAHIM, Prabha; 3380 Lubich Drive, Mountain View, CA 94040 (US). PALLE, Venkata; D-011, Oakwood Estates, Akash Neem Marg, DLF-Phase II, 122001 Gurgaon (IN). XIAO, Dengming; 1911 Glenarbor Way, Longmont, CO 80501 (US). ZABLOCKI, Jeff; 580 Sleeper Avenue, Mountain View, CA 94040 (US).
- (74) CLARKE, Pauline et al. / etc.; CV Therapeutics, Inc., 3172 Porter Drive, Palo Alto, CA 94304 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C07D 477/20
- (11) WO 03/042215 (13) A1
- (21) PCT/IB02/04804
- (22) 18 Nov/nov 2002 (18.11.2002)
- (25) en (26) en
- (30) 1152/DEL/2001 16 Nov/nov 2001 IN (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCESS FOR THE PREPARATION OF CRYSTALLINE IMPENEM
- PROCEDE DE PREPARATION D'IMIPENEM CRISTALLIN
- (71) RANBAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, 110 019 New Delhi, Delhi (IN).

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(72, 75) **RAI, Bishwa, Prakash** [IN/IN]; Jagdish Pur, Sohauly, 276 306 Azamgarh, Uttar Pradesh (IN). **TEWARI, Neera** [IN/IN]; K-10/19 (First Floor), Phase - II, DLF Qutab Enclave, 122 001 Gurgaon, Haryana (IN). **KUMAR, Yatendra** [IN/IN]; U-26/5, Phase - III, DLF Qutab Enclave, 122 001 Gurgaon, Haryana (IN).

(74) **RANBAXY LABORATORIES LIMITED**; c/o Deshmukh, Jayadeep, R., 600 College Road East, Suite 2100, 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ C07D 487/14, 487/20, A61K 31/527, 31/551, A61P 9/00, 13/00, 15/00 // (C07D 487/14, 239:00, 235:00, 235:00) (C07D 487/20, 239:00, 235:00, 235:00) (C07D 487/14, 239:00, 239:00, 235:00) (C07D 487/20, 239:00, 239:00, 235:00) (C07D 487/14, 243:00, 239:00, 235:00)

(11) WO 03/042216 (13) A1

(21) PCT/US02/35721

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 60/344,498 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • POLYCYCLIC GUANINE DERIVATIVE PHOSPHODIESTERASE V INHIBITORS

• INHIBITEURS DE LA PHOSPHODIESTERASE V DE DERIVES POLYCYCLIQUES DE GUANINE

(71) **SCHERING CORPORATION** [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).

(72) **ASBEROM, Theodoros**; 17 Stone Drive, West Orange, NJ 07052 (US). **CLADER, John, W.**; 428 North Union Avenue, Cranford, NJ 07016 (US). **HU, Yueqing**; 351 W. Live Oak Avenue, Arcadia, CA 91007 (US). **PISSARNITSKI, Dmitri, A.**; 236 Spruce Mill Lane, Scotch Plains, NJ 07076 (US). **STAMFORD, Andrew, W.**; 27 Overlook Road, Chatham Township, NJ 07928 (US). **XU, Ruo**; 66 Dogwood Lane, Watchung, NJ 07060 (US).

(74) **CANNONI, Ann, Marie**; Schering-Plough Corporation, Patent Department-K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (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 HR HU ID IL IN IS JP KG KR KZ LC LK LR LT LU LV MA MD MG MK MN MX MZ NO NZ PH PL PT RO RU SC SE SG SI SK SL TJ TM TN TR TT TZ UA UZ VC VN YU ZA ZM.

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

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ C07D 493/00

(11) WO 03/042217 (13) A2

(21) PCT/US02/36814

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/334,734 15 Nov/nov 2001 US (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • NOVEL EPOTHILONE COMPOUNDS AND METHODS FOR MAKING THE SAME

• COMPOSES D'EPOTHILONE ET PROCÉDES DE FABRICATION

(71) **KOSAN BIOSCIENCES, INC.** [—/US]; 3832 Bay Center Place, Hayward, CA 94545 (US).

(72) **TANG, Li**; 905 Virgo Lane, Foster City, CA 94404 (US). **METCALF, Brian**; 297 Lakefield Place, Moraga, CA 94556 (US). **KATZ, Leonard**; 6389 Longcroft Drive, Oakland, CA 94611 (US). **ASHLEY, Gary, W.**; 1102 Verdemar Drive, Alameda, CA 94502 (US). **LAU, Janice**; 186 36th Avenue, Apt. G, San Mateo, CA 94403 (US). **LICARI, Peter**; 35417 Terra Cotta Circle, Fremont, CA 94536 (US).

(74) **LENTINI, David, P. et al.** / etc.; Kosan Biosciences, Inc., 3832 Bay Center Place, Hayward, CA 94545 (US).

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

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

(51)⁷ C07D 495/04, A61K 31/519, A61P 9/10

(11) WO 03/042218 (13) A1

(21) PCT/EP02/12506

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 0127140.2 10 Nov/nov 2001 GB (10.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • NOVEL COMPOUNDS

• DERIVES CONDENSES DE PYRIMIDONE EN TANT QU'INHIBITEURS DE LP-PLA2 POUR LE TRAITEMENT DE L'ATHEROSCLEROSE

(71) **SMITHKLINE BEECHAM P.L.C.** [GB/GB]; 980 Great West Road, Brentford, Middlesex TW8 9GS (GB).

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

(72, 75) **LEACH, Colin, Andrew** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). **PINTO, Ivan, Leo** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). **SMITH, Stephen, Allan** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). **STANWAY, Steven, James** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).

(74) **HACKETT, Ruth, Elizabeth**; Corporate Intellectual Property, GlaxoSmithKline, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ C07D 501/00, 501/59, A61K 31/545, A61P 31/00

(11) WO 03/042219 (13) A1

(21) PCT/EP02/12257

(22) 4 Nov/nov 2002 (04.11.2002)

(25) en (26) en

(30) 01 12 6490.0 12 Nov/nov 2001 EP (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • NOVEL C-3 S/O- AND S/N FORMALDEHE ACETAL DERIVATIVES OF CEPHALOSPORINS AND THEIR USE AS ANTIBIOTICS

• NOUVEAUX DERIVES ACETAL DE FORMALDEHYDE C-3 S/O- ET S/N DE CEPHALOSPORINES ET LEUR UTILISATION EN TANT QU'ANTIBIOTIQUES

(71, 72) **PFAENDLER, Hans, Rudolf** [CH/DE]; Schulerstrasse 26, 82131 Stockdorf (DE).

(72) **JENNI, Wolfgang**; Gentzstrasse 5, 80796 München (DE).

(74) **PFAENDLER, Hans, Rudolf**; Schulerstrasse 26, 82131 Stockdorf (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C07F 7/00, 17/00, B01J 31/00, C08F 4/64

(11) WO 03/042220 (13) A2

(21) PCT/US02/35773

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 10/045,209 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CONVERSION OF CYCLOPENTADIENYL SILYL AMINES TO ORGANOMETALLIC COMPLEXES COMPRISING TITANIUM BISALKOXY MOIETY OR TITANIUM DICHLORIDE MOIETY

• CONVERSION DE CYCLOPENTADIENYL-SILYLAMINES EN COMPLEXES ORGANOMETALLIQUES COMPRENANT UN FRAGMENT BISALCOXY DE TITANE OU UN FRAGMENT DICHLORURE DE TITANE

(63) US 10/045,209 (CON) 9 Nov/nov 2001 (09.11.2001)

(71) BOULDER SCIENTIFIC COMPANY [US/US]; 598 Third Street, P.O. Box 548, Mead, CO 80542 (US).

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

(72, 75) GATELY, Daniel, A. [US/US]; 318 East Iowa Avenue, Berthoud, CO 80513 (US). SULLIVAN, Jeffrey, M. [US/US]; 3125 Morey Court, Loveland, CO 80537 (US). VOLL BARCLAY, Karin, A. [US/US]; 4660 MacArthur Lane, Boulder, CO 80503 (US). ARKIN, Dawn, A. [US/US]; 2026 Lincon Street, Longmont, CO 80501 (US).

(74) IRONS, Edward, S.; 3945 - 52nd Street, N. W., Washington, DC 20016 (US).

(81) AU CA JP NZ US.

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

(51)⁷ C07F 7/08, A61K 7/02, C11D 7/22, 7/50

(11) WO 03/042221 (13) A1

(21) PCT/EP02/12596

(22) 12 Nov/nov 2002 (12.11.2002)

(25) de (26) de

(30) 101 55 512.1 13 Nov/nov 2001 DE (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • USE OF SILOXANES AS EVAPORABLE SUPPORTS

• UTILISATION DE SILOXANES COMME SUPPORTS EVAPORABLES

(71) GE BAYER SILICONES GMBH & CO. KG [DE/DE]; Gebäude V 7, 51368 Leverkusen (DE).

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

(72, 75) EVERSHEIM, Hubertus [DE/DE]; Altenbergerstrasse 20, 42929 Wermelskirchen (DE). KROPPGANS, Martin [DE/DE]; Auf dem Broich 22, 51519 Odenthal (DE). NIENSTEDT, Sabine [DE/DE]; Königstrasse 76, 53155 Bonn (DE). LANGE, Horst [DE/DE]; Tiefbauweg 34, 44879 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ C07F 7/08, C08G 77/46, G02C 7/04

(11) WO 03/042222 (13) A1

(21) PCT/JP01/08680

(22) 2 Oct/oct 2001 (02.10.2001)

(25) ja (26) ja

(43) 22 May/mai 2003 (22.05.2003)

(54) • MONOMER, POLYMER, AND OCULAR LENS COMPRISING THE SAME

• MONOMERE, POLYMER ET LENTILLE OCULAIRE LES COMPRENANT

(71) JOHNSON & JOHNSON VISION CARE, INC. [US/US]; 7500 Centurion Parkway, Suite 100, Jacksonville FL 32256 (US).

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

(72, 75) NAKAMURA, Masataka [JP/JP]; 48-43, Fujimidai, Otsu-shi, Shiga 520-0846 (JP). YOKOTA, Mitsuru [JP/JP]; 43-8, Motomiya 2-chome, Otsu-shi, Shiga 520-0804 (JP).

(74) ODAJIMA, Heikichi et al. / etc.; Oda-jima Patent Office, Nippon Jitensha Bldg., 9-15, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(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 C07F 7/21

(11) WO 03/042223 (13) A1

(21) PCT/EP02/12678

(22) 13 Nov/nov 2002 (13.11.2002)

(25) de (26) de

(30) 101 56 619.0 17 Nov/nov 2001 DE (17.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PRODUCING FUNCTIONALISED OLIGOMERIC SILSESQUIOXANES AND THE USE OF THE SAME

• PROCEDE POUR LA PRODUCTION DE SILSESQUIOXANES OLIGOMERIQUES FONCTIONNALISES ET LEUR UTILISATION

(71) CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION

MBH [DE/DE]; Paul-Baumann-Strasse 1, 45772 Marl (DE).

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

(72, 75) JOST, Carsten [DE/DE]; Bebelstrasse 14 a, 45770 Marl (DE). KÜHNLE, Adolf [DE/DE]; Greifenberger Strasse 30, 45770 Marl (DE). ABBENHUIS, Hendrikus, Cornelis, Louis [NL/NL]; Het Puyven 49, NL-5672 RB Nuenen (NL).

(74) CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH; Intellectual Property Management, Patente u. Marken, Bau 1042/PB 15, Paul-Baumann-Strasse 1, 45772 Marl (DE).

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

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

(51)⁷ C07F 9/50, B01J 31/24

(11) WO 03/042224 (13) A2

(21) PCT/ZA02/00164

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 2001/9421 15 Nov/nov 2001 ZA (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD OF PREPARING COMPOUNDS WITH A GROUP 5A ELEMENT THEREIN

• PROCEDE DE PREPARATION DE COMPOSES AVEC UN ELEMENT DU GROUPE 5A

(71) SASOL TECHNOLOGY (PTY) LTD [ZA/ZA]; 1 Sturdee Avenue, Rosebank, 2196 Johannesburg (ZA).

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

(72, 75) WILLIAMS, Dennis, Bradley, Glen [ZA/ZA]; 4 Rocklands, 54 Maluti Avenue, 2195 Northcliff (ZA). LOMBARD, Henriëtte [ZA/ZA]; 73 Daniel Malan Avenue, 1709 Florida Park (ZA). HOLZAPFEL, Cedric, Wahl [ZA/ZA]; 6 Aleit Road, Aldara Park, 2194 Randburg (ZA). YOUNG, Desmond, Austin [ZA/ZA]; 23 Sering Street, 1911 Vanderbijlpark (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

(51)⁷ C07F 19/00

(11) WO 03/042225 (13) A2

(21) PCT/US02/32855

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) 10/008,174 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SECURE HANDLING OF STORED-
VALUE DATA OBJECTS

• MANIPULATION SECURISÉE D'OB-
JETS DE DONNÉES A VALEUR STO-
CKÉE

(71) ERICSSON INC. [US/US]; 6300 Legacy
Drive, Plano, TX 75024 (US).

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

(72, 75) DUTTA, Santanu [US/US]; 201 Tawny
Ridge Lane, Cary, NC 27513 (US). RY-
DECK, Nils [SE/US]; 218 Kelso Court,
Cary, NC 27511 (US).

(74) BENNETT, David; Coats & Bennett,
P.L.L.C., 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations; (s) for all designations / pour
toutes les désignations; (s) 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 C07H

(11) WO 03/042226 (13) A2

(21) PCT/US02/35719

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 60/347,448 9 Nov/nov 2001 US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SINGLE NUCLEOTIDE POLYMOR-
PHISMS IN GH-1

• PRESENCE DE POLYMORPHISMES
A NUCLEOTIDE UNIQUE DANS UNE
HORMONE DE CROISSANCE GH-1

(71) PHARMACIA & UPJOHN COMPANY
[US/US]; 301 Henrietta Street, Kalamazoo,
MI 49001 (US).

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

(72, 75) WOOD, Linda, Susan [US/US]; 10193
Fox Hollow, Portage, MI 49024 (US). WAG-
NER, Susanne [DE/US]; 1786 S. Wasatch
Drive, Salt Lake City, UT 84108 (US). PAR-
ODI, Louis, A. [US/GB]; 93 Cornwall Gar-
dens, Flat 3, London SW7 4AX (GB).

(74) REHBERG, Edward, F.; Global Intellectual
Property, Pharmacia & Upjohn Company, 301
Henrietta Street, Kalamazoo, MI 49001 (US).

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

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

(51)⁷ C07H 13/00

(11) WO 03/042227 (13) A2

(21) PCT/EP02/12840

(22) 15 Nov/nov 2002 (15.11.2002)

(25) de (26) de

(30) 101 56 352.3 16 Nov/nov 2001 DE
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ENZYMATIC SYNTHESIS OF SUGAR
ACRYLATES

• SYNTHÈSE ENZYMATIQUE D'ACRY-
LATES DE SUCRE

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

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

(72, 75) BOECKH, Dieter [DE/DE]; Zeppelin-
weg 3, 67117 Limburgerhof (DE). HAUER,
Bernhard [DE/DE]; Merowingerstrasse 1,
67136 Fussgönheim (DE). HÄRING, Di-
etmar [DE/DE]; Otto-Stabel-Str. 4/14.2,
67059 Ludwigshafen (DE).

(74) KINZEBACH, Werner et al. / etc.; Stern-
wartstr. 4, 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 SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

(51)⁷ C07H 17/08, A61K 31/70, A61P 31/04

(11) WO 03/042228 (13) A1

(21) PCT/GB02/05101

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en

(26) en

(30) 0127349.9 14 Nov/nov 2001 GB
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MACROLIDES

• MACROLIDES

(71) GLAXO GROUP LIMITED [GB/GB];
Glaxo Wellcome House, Berkeley Avenue,
Greenford, Middlesex UB6 0NN (GB).
PLIVA D.D. [HR/HR]; Ulica grada, Vuko-
vara 49 Zagreb (HR).

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

(72, 75) ALIHODZIC, Sulejman [HR/HR];
Pliva d.d., Ulica grada, Vukovara 49 Za-
greb (HR). ANDREOTTI, Daniele [IT/IT];
GlaxoSmithKline SpA, Via Alessandro
Fleming 2, I-37135 Verona (IT). BERDIK,
Andrea [HR/HR]; Pliva d.d., Ulica grada,
Vukovara 49 Zagreb (HR). BIENTINESI,
Ilaria [IT/IT]; GlaxoSmithKline SpA, Via
Alessandro Fleming 2, I-37135 Verona (IT).

BIONDI, Stefano [IT/IT]; GlaxoSmithKline
SpA, Via Alessandro Fleming 2, I-37135
Verona (IT). CIRACO, Manuela [IT/IT];
c/o GlaxoSmithKline SpA, Via Alessandro
Fleming 2, I-37135 Verona (IT). DAMIANI,
Federica [IT/IT]; GlaxoSmithKline SpA, Via
Alessandro Fleming 2, I-37135 Verona (IT).

DJEREK, Marko [HR/HR]; Pliva d.d., Ulica
grada, Vukovara 49 Zagreb (HR). DUMIC,
Miljenko [HR/HR]; Pliva d.d., Ulica grada,
Vukovara 49 Zagreb (HR). ERAKOVIC,
Vesna [HR/HR]; Pliva d.d., Ulica grada,
Vukovara 49 Zagreb (HR). HUTINEC,
Antun [HR/HR]; Pliva d.d., Ulica grada,
Vukovara 49 Zagreb (HR). LAZAREVSKI,
Gorjana [HR/HR]; Pliva d.d., Ulica grada,
Vukovara 49 Zagreb (HR). LOCIURO, Ser-
gio [IT/IT]; c/o GlaxoSmithKline SpA, Via
Alessandro Fleming 2, I-37135 Verona (IT).

MARSIC, Natasa [HR/HR]; Pliva d.d., Ulica
grada, Vukovara 49 Zagreb (HR). MARU-
SIC-ISTUK, Zorica [HR/HR]; Pliva d.d.,
Ulica grada, Vukovara 49 Zagreb (HR). MU-
TAK, Stjepan [HR/HR]; Pliva d.d., Ulica
grada, Vukovara 49 Zagreb (HR). PAIO,
Alfredo [IT/IT]; GlaxoSmithKline SpA,
Via Alessandro Fleming 2, I-37135 Verona
(IT). PAVLOVIC, Drazen [HR/HR]; Pliva
d.d., Ulica grada, Vukovara 49 Zagreb (HR).

QUAGLIA, Anna [IT/IT]; GlaxoSmithKline
SpA, Via Alessandro Fleming 2, I-37135
Verona (IT). SCHOENFELD, Wolfgang
[DE/HR]; Pliva d.d., Ulica grada, Vukovara
49 Zagreb (HR). STIMAC, Vlado [HR/HR];
Pliva d.d., Ulica grada, Vukovara 49 Zagreb
(HR). TIBASCO, Jessica [IT/IT]; Glaxo-
SmithKline SpA, Via Alessandro Fleming 2,
I-37135 Verona (IT).

(74) THOMPSON, Clive, Beresford; CN925.1,
980 Great West Road, Brentford, Middlesex
TW7 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 OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

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

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

- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07J 31/00, 33/00, A61K 31/58, A61P 5/44
- (11) WO 03/042229 (13) A1
- (21) PCT/EP02/12620
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) en (26) en
- (30) 0127161.8 12 Nov/nov 2001 GB (12.11.2001)
- (30) 0127985.0 22 Nov/nov 2001 GB (22.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • NON-AROMATIC HETEROCYCLIC ESTERS OF FURAN-2-ONE-ESTERS OF 17.BETA.-CARBOXYL OR 17.BETA.-CARBOTHIO GLUCOCORTICOIDES
- ESTERS HETEROCYCLIQUES NON AROMATIQUES DE FURAN-2-ONE ESTERS DE 17 SG(B) CARBOXYL OU 17 SG(B) CARBOTHIO GLUCOCORTICOIDES
- (71) GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BIGGADIKE, Keith [GB/GB]; Glaxo-SmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). JONES, Paul [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).
- (74) THORNLEY, Rachel, Mary; Glaxo-SmithKline, 980 Great West Road (CN925.1), 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07K
- (11) WO 03/042231 (13) A2
- (21) PCT/EP02/12545
- (22) 9 Nov/nov 2002 (09.11.2002)
- (25) de (26) de
- (30) 101 56 482.1 12 Nov/nov 2001 DE (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • BISPECIFIC ANTIBODY MOLECULE
- MOLECULE D'ANTICORPS BISPECIFIQUE
- (71, 72) JUNG, Gundram [DE/DE]; Schwabstrasse 30, 72108 Rottenburg-Wendelsheim (DE).
- (71, 72) JUNG, Gudram [DE/DE]; Schwabstrasse 30, 72108 Rottenburg-Wendelsheim (DE). *(only for / seulement pour US)*
- (74) OTTEN, H. et al. / etc.; Witte, Weller & Partner, Patentanwälte, Postfach 105462, 70047 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07J 31/00, 33/00, A61K 31/58, A61P 5/44
- (11) WO 03/042230 (13) A1
- (21) PCT/EP02/12656
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 0127160.0 12 Nov/nov 2001 GB (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • NON-AROMATIC HETEROCYCLIC ESTERS OF FURAN-2-ONE-ESTERS OF 17. BETA.-CARBOXYL OR 17. BETA.-CARBOTHIO GLUCOCORTICOIDES
- ESTERS HETEROCYCLIQUES NON AROMATIQUES DE FURAN-2-ONE-ESTERS DE 17.BETA.CARBOXYLE
- GLUCOCORTICOIDES OU DE 17.BETA.-CARBOTHIO GLUCOCORTICOIDES
- (51)⁷ C07K
- (11) WO 03/042232 (13) A2
- (21) PCT/US02/35941
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 60/337,769 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CRYSTALS AND STRUCTURES OF YIIM PROTEINS
- CRISTAUX ET STRUCTURES DE PROTEINES YIIM
- (71) STRUCTURAL GENOMIX, INC. [US/US]; 10505 Roselle Street, San Diego, CA 92121 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PARK, Frances [US/US]; 5457 Foxhound Way, San Diego, CA 92130 (US). GAJIWALA, Ketan, S. [IN/US]; 3757 Carmel View Road Unit 6, San Diego, CA 92130 (US). BUCHANAN, Sean, Grant [GB/US]; 1285 Hymettus Avenue, Encinitas, CA 92024 (US). SAUDER, J., Michael [US/US]; 945 Laurelwood Street, Carlsbad, CA 92009 (US).
- (74) LAU, Kawai, Ph., D. et al. / etc.; Morrison & Foerster LLP, Suite 500, 3811 Valley Centre Drive, San Diego, CA 92130-2332 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07K
- (11) WO 03/042233 (13) A2
- (21) PCT/US02/35971
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 60/335,609 14 Nov/nov 2001 US (14.11.2001)
- (30) 10/124,626 16 Apr/avr 2002 US (16.04.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHODS FOR MONITORING POLYPEPTIDE PRODUCTION AND PURIFICATION USING SURFACE ENHANCED LASER DESORPTION/IONIZATION MASS SPECTROMETRY
- PROCEDE DE SURVEILLANCE DE LA PRODUCTION ET DE LA PURIFICATION DE POLYPEPTIDES PAR SPECTROMETRIE DE MASSE A DESORPTION/IONISATION DE SURFACE PAR IMPACT LASER AMELIOREE
- (71) CIPHERGEN BIOSYSTEMS, INC. [US/US]; 6611 Dumbarton Circle, Fremont, CA 94555 (US).

- (72) **BOSCHETTI, Egisto**; 11, rue de la Cote a Béliet, F-78290 Croissy sur Seine (FR). **BRADBURY, Lisa**; 5 Burnside Road, Newton Highlands, MA 02461 (US). **DAVIES, Huw**; 27 Bunbury Way, Epsom Downs, Surrey KT1 74JP (GB). **LOMAS, Lee**; 724 Bounty Drive, Apt. 2416, Foster City, CA 94404 (US). **PHAM, Thang, T.**; 1101 Lincoln Drive, Mountain View, CA 94040 (US). **THULASIRAMAN, Vanitha**; 3217 Adamswood Drive, San Jose, CA 95148 (US). **YIP, Tai-Tung**; 7515 Kingbury Court, Cupertino, CA 95014 (US).
- (74) **QUINE, Jonathan, Alan et al. / etc.**; Quine Intellectual Property Law Group, P.C., P.O. Box 458, Alameda, CA 94501 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07K
- (11) WO 03/042234 (13) A2
(21) PCT/US02/36827
(22) 14 Nov/nov 2002 (14.11.2002)
(25) en (26) en
(30) 60/333,239 14 Nov/nov 2001 US (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • NON-PEPTIDE SOMATOSTATIN RECEPTOR LIGANDS
• LIGANDS NON PEPTIDIQUES DU RECEPTEUR DE LA SOMATOSTATINE
- (71) **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4002 Basle (CH).
(for all designated States except / pour tous les États désignés sauf AT US)
- (71) **NOVARTIS-ERFINDUNGEN** [AT/AT]; Verwaltungsgesellschaft m.b.H., Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)
- (72, 75) **BERNEY, Daniel** [CH/CH]; Avenue de France 98, L'Abbey Vd, CH-1004 Lausanne (CH). **BRECKENRIDGE, Robin** [GB/CH]; Rue Wentzwiller 2, CH-6822 Hagental-le-Bas (CH). **NEUMANN, Peter** [DE/CH]; Kornhausstrasse 4, CH-3013 Berne (CH). **SHAPIRO, Gideon** [US/US]; 5507 NW 80th Avenue, Gainesville, FL 32653 (US). **SEILER, Peter, Max** [CH/CH]; Brockrainweg 16, CH-4125 Riehen (CH). **TROXLER, Thomas, J.** [CH/CH]; Sennweg 27, CH-4146 Wahlen (CH).
- (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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07K 1/14, A23J 1/08, 3/14, C12N 9/00
- (11) WO 03/042236 (13) A1
(21) PCT/JP02/11768
(22) 12 Nov/nov 2002 (12.11.2002)
(25) ja (26) ja
- (30) 2001-347059 13 Nov/nov 2001 JP (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCESS FOR PRODUCING CONCENTRATED/PURIFIED PROTEIN USING CLAY MINERAL COMPOSITION
• PROCEDE DE FABRICATION DE PROTEINES CONCENTREES/EPUREES A L'AIDE D'UNE COMPOSITION MINERALE D'ARGILE
- (71) **THE NISSHIN OILLO, LTD.** [JP/JP]; 1-23-1, Shinkawa, Chuo-ku, Tokyo 104-8285 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MINOSHIMA, Ryoichi** [JP/JP]; c/o The Nissin Oillo, Ltd., Research Laboratory, 1-Banchi, Shinmei-cho, Yokosuka-shi, Kanagawa 239-0832 (JP).
- (74) **SEKINE, Takeshi et al. / etc.**; PATENT ATTORNEYS "SHINPO", 1-20-10-203, Takadanobaba, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07K 5/023, C12N 9/99, A61K 38/55, A61P 1/02
- (11) WO 03/042237 (13) A1
(21) PCT/JP02/11860
(22) 14 Nov/nov 2002 (14.11.2002)
(25) ja (26) ja
(30) 2001-352012 16 Nov/nov 2001 JP (16.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • PEPTIDE DERIVATIVE, PHARMACEUTICALLY ACCEPTABLE SALT THEREOF, PROCESS FOR PRODUCING THE SAME, AND USE THEREOF
• DERIVE PEPTIDIQUE, SEL PHARMACEUTIQUEMENT ACCEPTABLE DE CELUI-CI, PROCEDE DE PRODUCTION ET UTILISATION DUDIT DERIVE
- (71) **TAIHO PHARMACEUTICAL CO., LTD.** [JP/JP]; 1-27, Kandanishiki-cho, Chiyoda-ku, Tokyo 101-0054 (JP).
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- (72, 75) **YAMAMOTO, Kenji** [JP/JP]; 3-38-5, Takamidai, Higashi-ku, Fukuoka-shi, Fukuoka 811-0215 (JP). **SUDA, Yoshimitsu** [JP/JP]; 897-17, Kamiarai, Tokorozawa-shi, Saitama 359-1142 (JP). **ASAO, Tetsuji** [JP/JP]; 2-801, 3-4, Izumi-cho, Kokubunji-shi, Tokyo 185-0024 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C07K 14/00

(11) WO 03/042238 (13) A2

(21) PCT/GB02/05114

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) 0127217.8 12 Nov/nov 2001 GB (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MODIFICATION OF ESTROGEN ACTIVITY

• MODIFICATION DE L'ACTIVITE OESTROGENIQUE

(71) THE UNIVERSITY OF BRISTOL [GB/GB]; Senate House, Tyndall Avenue, Bristol BS8 1TH (GB).

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(72, 75) TOBIAS, Jonathan, Harold [GB/GB]; Rheumatology Unit, Division of Medicine, University of Bristol, Bristol BS2 8HW (GB). COLLEY, Shane, Michael [AU/AU]; The Western Institute for Medical Research, Rear 50, Murray Street, Perth, Western Australia 6000 (AU).

(74) HEATON, Joanne, Marie; 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C07K 14/16, 14/47, 14/435, 14/035, C12N 15/62

(11) WO 03/042239 (13) A1

(21) PCT/NL02/00722

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) 01204305.5 12 Nov/nov 2001 EP (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PEPTIDES INHIBITING SIGNALING BY RAS-LIKE GTPASES

• PEPTIDES INHIBANT LA SIGNALISATION DES GTPASES DE TYPE RAS

(71) STICHTING SANQUIN BLOEDVOORZIENING [NL/NL]; Plesmanlaan 125, NL-1066 CX Amsterdam (NL).

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(72, 75) TEN KLOOSTER, Jean, Paul [NL/NL]; Paso Doblesingel 28, NL-1326 LR Almere (NL). VAN HENNIK, Paula, Baudewina [NL/NL]; Kruiwiel 8, NL-3642 BV Mijdrecht (NL). VOERMANS, Carlijn [NL/NL]; Willem de Zwijgerlaan 125 III, NL-1956 JK Amsterdam (NL). HORDIJK, Peter, Lodewijk [NL/NL]; Escudolaan 52, NL-1060 ST Amsterdam (NL).

(74) PRINS, A., W.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

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

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

(51)⁷ C07K 14/21

(11) WO 03/042240 (13) A2

(21) PCT/CA02/01740

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/331,221 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • POLYPEPTIDES OF *PSEUDOMONAS AERUGINOSA*

• POLYPEPTIDES DE *PSEUDOMONAS AERUGINOSA*

(71) SHIRE BIOCHEM INC. [CA/CA]; 275 Armand-Frappier Boulevard, Laval, Québec H7V 4A7 (CA).

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(72, 75) CHARLAND, Nathalie [CA/CA]; 21 Place des Hauts-bois, Breakeyville, Québec G0S 1E3 (CA). HAMEL, Josee [CA/CA]; 2401 Maritain, Sillery, Québec G1T 1N6 (CA). BRODEUR, Bernard, R. [CA/CA]; 2401 Maritain, Sillery, Québec G1T 1N6 (CA). MARTIN, Denis [CA/CA]; 4728-G rue Gaboury, St-Augustin-de-Desmaures, Québec G3A 1E9 (CA). CHARLEBOIS, Isabelle [CA/CA]; 410 Mirabel, St-Nicolas, Québec G7A 2L5 (CA). BUSSIÈRE, Diane [CA/CA]; 939 de Picardie, St-Nicolas, Québec G7A 1W9 (CA).

(74) TORYS LLP; Maritime Life Tower, Suite 3000, 79 Wellington St. W., Box 270, TD Centre, Toronto, Ontario M5K 1N2 (CA).

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

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

(51)⁷ C07K 14/415, A23J 1/00, 1/12, 1/14, A23L 1/305

(11) WO 03/042241 (13) A2

(21) PCT/EP02/12915

(22) 18 Nov/nov 2002 (18.11.2002)

(25) de (26) de

(30) 101 56 436.8 16 Nov/nov 2001 DE (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR INDUCING THE PRODUCTION OF STRESS PROTEINS IN PLANT MATERIAL

• PROCEDE D'INDUCTION DE LA PRODUCTION DE PROTEINES DE CHOC THERMIQUE DANS DE LA MATIERE VEGETALE

(71) DACO INVESTMENT HOLDING N.V. [NL/NL]; Schoolstraat 5, NL-7751 GJ Dalen (NL).

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(72, 75) PRIEBE, Klaus-Peter [DE/DE]; Satroper Strasse 112, 44357 Dortmund (DE). GOLDMANN, Ralf [NL/NL]; Schoolstraat 5, NL-7751 GJ Dalen (NL).

(74) GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHÄUSSER; Maximilianstrasse 58, 80538 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C07K 14/435, 14/47, C12N 15/12, 5/10, G01N 33/50, C07K 16/18, A01K 67/027

(11) WO 03/042242 (13) A1

(21) PCT/EP02/12714

(22) 13 Nov/nov 2002 (13.11.2002)

(25) de (26) de

(30) 101 55 841.4 14 Nov/nov 2001 DE (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • ZINC-FINGER PROTEIN INTERACTING WITH THE MCH RECEPTOR
• PROTEINE A DOIGTS DE ZINC INTERAGISSANT AVEC LE RECEPTEUR DE LA MCH
- (71) UNIVERSITÄTSKLINIKUM HAMBURG-EPPENDORF [DE/DE]; Martinstrasse 52, 20246 Hamburg (DE).
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- (72, 75) RICHTER, Dietmar [DE/DE]; Süderfeldstrasse 44, 22529 Hamburg (DE). BÄCHNER, Dietmar [DE/DE]; Clematisweg 1a, 22529 Hamburg (DE). KREIENKAMP, Hans-Jürgen [DE/DE]; Schultesstiege 15, 22391 Hamburg (DE).
- (74) WEBER-QUITZAU, Martin et al. / etc.; Uexküll & Stolberg, Beselerstrasse 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • GROWTH HORMONE VARIATIONS IN HUMANS AND THEIR USES
• VARIATIONS DE L'HORMONE DE CROISSANCE CHEZ LES HUMAINS ET LEURS UTILISATIONS
- (71) UNIVERSITY OF WALES COLLEGE OF MEDICINE [GB/GB]; Heath Park, Cardiff CF14 4XN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COOPER, David, Neil [GB/GB]; Dept. of Medical Genetics, University of Wales College of Medicine, Heath Park, Cardiff CF14 4XN (GB). PROCTER, Anne, Marie [GB/GB]; Department of Medical Genetics, University of Wales College of Medicine, Heath Park, Cardiff CF14 4XN (GB). GREGORY, John [GB/GB]; Department of Medical Genetics, University of Wales College of Medicine, Heath Park, Cardiff CF14 4XN (GB). MILLAR, David, Stuart [GB/GB]; Department of Medical Genetics, University of Wales College of Medicine, Heath Park, Cardiff CF14 4XN (GB). LEWIS, Mark [GB/GB]; University of Wales College of Medicine, Heath Park, Cardiff, CF 14 4XN (GB). ULIED, Angeles [ES/ES]; Pharmacia Spain S.A., Carretera de Rubi, 90-100, ES-08190 San Cugat de Valles, Barcelona (ES).
- (74) NEWELL, William, Joseph et al. / etc.; Wynne-Jones Laine & James, Morgan Arcade Chambers, 33 St Mary Street, Cardiff CF10 1AF (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07K 14/47
(11) WO 03/042243 (13) A2
(21) PCT/EP02/12764
(22) 14 Nov/nov 2002 (14.11.2002)
(25) en (26) en
(30) 10/008,377 15 Nov/nov 2001 US (15.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • IMMUNOGENIC ALK PEPTIDES
• PEPTIDES ALK IMMUNOGENIQUES
- (71) ISTITUTO NAZIONALE PER LO STUDIO E LA CURA DEI TUMORI [IT/IT]; Via Venezian, 1, I-20133 Milano (IT). ST. JUDE CHILDREN'S RESEARCH HOSPITAL [US/US]; 332 N. Lauderdale, Memphis, TN 38105-2794 (US).
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- (72, 75) GAMBACORTI-PASSERINI, Carlo [IT/IT]; Via Venezian, 1, I-20133 Milano (IT). PASSONI, Lorena [IT/IT]; Via Venezian, 1, I-20133 Milano (IT).
- (74) BANFI, Paolo et al. / etc.; Bianchetti Bracco Minoja S.r.l., Via Rossini, 8, I-20122 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07K 14/61
(11) WO 03/042245 (13) A2
(21) PCT/GB02/05112
(22) 12 Nov/nov 2002 (12.11.2002)
(25) en (26) en
(30) 0127214.5 12 Nov/nov 2001 GB (12.11.2001)
(30) 0127328.3 14 Nov/nov 2001 GB (14.11.2001)
- (51)⁷ C07K 14/54
(11) WO 03/042244 (13) A2
(21) PCT/DK02/00764
(22) 15 Nov/nov 2002 (15.11.2002)
(25) en (26) en
(30) PA 2001 01702 16 Nov/nov 2001 DK (16.11.2001)
(30) 60/331,575 16 Nov/nov 2001 US (16.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • NOVEL IMMUNOGENIC MIMETICS OF MULTIMER PROTEINS
• MIMETIQUES IMMUNOGENES DE PROTEINES MULTIMERES
- (71) PHARMEXA A/S [DK/DK]; Kogle Allé 6, DK-2970 Hørsholm (DK).
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- (71, 72) KLYSNER, Steen [DK/DK]; c/o Pharmexa A/S, Kogle Allé 6, DK-2970 Hørsholm (DK). NIELSEN, Finn, Stausholm [DK/DK]; c/o Pharmexa A/S, Kogle Allé 6, DK-2970 Hørsholm (DK). BRATT, Tomas [DK/DK]; c/o Pharmexa A/S, Kogle Allé 6, DK-2970 Hørsholm (DK). VOLDBORG, Bjørn [DK/DK]; c/o Pharmexa A/S, Kogle Allé 6, DK-2970 Hørsholm (DK). MOURITSEN, Søren [DK/DK]; c/o Pharmexa A/S, Kogle Allé 6, DK-2970 Hørsholm (DK).
- (74) KOEFOED, Peter; c/o Pharmexa A/S, Kogle Allé 6, DK-2970 Hørsholm (DK).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07K 14/705
(11) WO 03/042246 (13) A2
(21) PCT/GB02/05133
(22) 13 Nov/nov 2002 (13.11.2002)
(25) en (26) en
(30) 0127271.5 14 Nov/nov 2001 GB (14.11.2001)
(30) 0220913.8 10 Sep/sep 2002 GB (10.09.2002)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • MEDICAL TREATMENT
• TRAITEMENT MEDICAL
- (71) LORANTIS LIMITED [GB/GB]; 307 Cambridge Science Park, Milton Road, Cambridge CB4 0WG (GB).
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- (72, 75) BODMER, Mark, William [GB/GB]; c/o Lorantis Limited, 307 Cambridge Science Park, Milton Road, Cambridge CB4 0WG

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- (GB). **BRIEND, Emmanuel, Cyrille, Pascal** [FR/GB]; c/o Lorantis Limited, 307 Cambridge Science Park, Milton Road, Cambridge CB4 0WG (GB). **CHAMPION, Brian, Robert** [GB/GB]; c/o Lorantis Limited, 307 Cambridge Science Park, Milton Road, Cambridge CB4 0WG (GB). **LENNARD, Andrew, Christopher** [GB/GB]; c/o Lorantis Limited, 307 Cambridge Science Park, Milton Road, Cambridge CB4 0WG (GB). **MCKENZIE, Grahame, James** [GB/GB]; c/o Lorantis Limited, 307 Cambridge Science Park, Milton Road, Cambridge CB4 0WG (GB). **RAGNO, Silvia** [IT/GB]; c/o Lorantis Limited, 307 Cambridge Science Park, Milton Road, Cambridge CB4 0WG (GB). **TUGAL, Tamara** [SK/GB]; c/o Lorantis Limited, 307 Cambridge Science Park, Milton Road, Cambridge CB4 0WG (GB). **YOUNG, Lesley, Lynn** [GB/GB]; c/o Lorantis Limited, 307 Cambridge Science Park, Milton Road, Cambridge CB4 0WG (GB).
- (74) **MALLALIEU, Catherine, Louise 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07K 16/24, 16/46, C12N 15/13, A61K 39/395, C07K 7/04
- (11) WO 03/042247 (13) A2
- (21) PCT/EP02/12566
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) en (26) en
- (30) 01126858.8 12 Nov/nov 2001 EP (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MODIFIED ANTI-TNF ALPHA ANTI-BODY
- ANTICORPS ANTI-TNF-ALPHA MODIFIE
- (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) **HELLEDOORN, Koen** [GB/GB]; 307 Hethersett Close, Newmarket CB8 7AT (GB). **BAKER, Matthew** [GB/GB]; 8 Safon Close, Littleport, Ely, Cambridge CB6 1AR (GB). **CARR, Francis, J.** [GB/GB]; Birchlea, The Holdings, Balmedie, Aberdeenshire AB23 8XU (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 UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08B 37/08
- (11) WO 03/042250 (13) A1
- (21) PCT/CA02/01756
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) 60/331,415 15 Nov/nov 2001 US (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • COMPOSITION AND METHOD TO HOMOGENEOUSLY MODIFY OR CROSS-LINK CHITOSAN UNDER NEUTRAL CONDITIONS
- COMPOSITION ET PROCEDE PERMETTANT DE MODIFIER OU DE RETICULER DE FAÇON HOMOGENE UN CHITOSANE DANS DES CONDITIONS NEUTRES
- (71) **BIOSYNTECH 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) **CHENITE, Abdellatif** [CA/CA]; 28 Bethune, Kirkland, Québec H9H 4H6
- MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08B 15/02
- (11) WO 03/042248 (13) A1
- (21) PCT/KR01/02015
- (22) 22 Nov/nov 2001 (22.11.2001)
- (25) ko (26) en
- (30) 2001/70966 15 Nov/nov 2001 KR (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PREPARATION METHOD OF SOLVENT-FREE WATER-DISPERSIBLE HYDROXYPROPYL METHYL CELLULOSE PHTHALATE NANOPARTICLE
- PROCEDE DE PREPARATION DE NANOPARTICULES DE HYDROXYPROPYL METHYL CELLULOSE PHTHALATE EXEMPTES DE SOLVANT ET HYDRO-DISPERSIBLES
- (71) **SAMSUNG FINE CHEMICALS CO., LTD.** [KR/KR]; 190 Yeocheon-dong, Nam-ku, 680-090 Ulsan (KR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CHO, Kyu-II** [KR/KR]; 106-906 Hyangchon Apt., Dunsan-dong, Seo-ku, 302-776 Daejeon (KR). **BAEK, Hyon-Ho** [KR/KR]; 105-607 Sejong Apt., Jeonmin-dong, Yuseong-ku, 305-728 Daejeon (KR). **KIM, Jung, Hyun** [KR/KR]; 101-1801 Anam Apt., Myungryoon-dong, Chongno-ku, 110-767 Seoul (KR). **LEE, Jun, Young** [KR/KR]; 5-401 Sungsam Villa, 17-496 Bulgwang-dong, Eunpyung-ku, 122-040 Seoul (KR). **KIM, Il, Hyuk** [KR/KR]; 36-201 Joogong Apt., Jamsil-dong, Songpa-ku, 138-908 Seoul (KR). **PARK, Jung, Hwan** [KR/KR]; 207-1301 Daewoo Apt., Top-maeul, Yatop-dong, Boondang-ku, 463-070 Sungnam, Kyunggi-do (KR).
- (74) **HUH, Sang, Hoon**; 16th Floor, Woori Investment Bank Bldg., 826-20 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08B 37/00
- (11) WO 03/042249 (13) A2
- (21) PCT/DK02/00758
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en

(CA). **BERRADA, Mohammed** [MA/CA]; 104-12449 Lachapelle, Montréal, Québec H4J 2N2 (CA). **CHAPUT, Cyril** [FR/CA]; 316-3333 Jean-Talon West, Montréal, Québec H3R 2G1 (CA). **DABBARH, Fouad** [MA/CA]; 206-10300 Bois-de-Boulogne, Montréal, Québec H4N 1L1 (CA). **SELMANI, Amine** [CA/CA]; 2084 Jessop, Laval, Québec H7S 1X1 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51) C08B 37/08, C08L 5/08, A61K 47/36, 7/00, C08B 37/00

(11) WO 03/042251 (13) A1

(21) PCT/US02/35884

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 0126923.2 9 Nov/nov 2001 GB (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CHITOSAN COMPOSITIONS

• COMPOSITIONS A BASE DE CHITOSANE

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **DAVISON, Gordon, Robert**; 10 Atte Lane, Quelm Park, Warfield, Berkshire RG42 2QQ (GB). **KONIG, Axel**; Av. Erasme 3, B-1780 Wemmel (BE). **GIBBONS, Clyde**; Flat 2, 8 Avenue Road, Staines, Middlesex TW18 3AW (GB). **RIPLEY, Mark, Brian**; 1 Elrose Mansions, Staines Road, Twickenham, Middlesex TW2 5AJ (GB). **MACGILP, Neil, Archibald**; Bankfield, Snowdenham Links Road, Bramley, Surrey GU5 0BX (GB). **MILICH, Georgina, Lyndsey, Claire**; Highway Farm, Harvil Road, Harefield, Middlesex UB9 6JW (GB). **PRETSWELL, Emma, Louise**; Northwood, London Road, Bracknell, Berkshire RG12 9FR (GB).

(74) **REED, David, T. et al.** / etc.; The Procter & Gamble Company, 6110 Center Hill Rd., Cincinnati, OH 45224 (US).

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

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

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

(51)⁷ C08F 2/00, 14/18

(11) WO 03/042252 (13) A1

(21) PCT/JP02/11416

(22) 1 Nov/nov 2002 (01.11.2002)

(25) ja (26) ja

(30) 2001-346341 12 Nov/nov 2001 JP (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PROCESS FOR PRODUCING FLUOROPOLYMER

• PROCEDE DE PRODUCTION DE POLYMERES FLUORES

(71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Bldg., 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) **TSUKAMOTO, Mitsuo** [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **OTOI, Kenji** [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **NAKAYA, Hideki** [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **HIRAGA, Yoshiyuki** [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **NODA, Tomohisa** [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP).

(74) **YASUTOMI, Yasuo et al.** / etc.; Chuo BLDG., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) CN JP KR US.

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

(51)⁷ C08F 2/34, 10/00, 2/42

(11) WO 03/042253 (13) A1

(21) PCT/EP02/12047

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 101 56 202.0 15 Nov/nov 2001 DE (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CONTINUOUS GAS-PHASE POLYMERIZATION PROCESS

• PROCEDE CONTINU DE POLYMERISATION EN PHASE GAZEUSE

(71) **BASELL POLYOLEFINE GMBH** [DE/DE]; Brühler Strasse, 50389 Wesseling (DE).

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

(72, 75) **MIHAN, Shahram** [IR/DE]; Rossinistr. 12, 67061 Ludwigshafen (DE). **KARER, Riner** [DE/DE]; Oskar-Schlemmer-Ring 48, 67657 Kaiserslautern (DE). **HECKER, Manfred** [DE/DE]; Dreischlaegerstrasse 30, 53577 Neustadt/Wied (DE). **ROSENDORFER, Philipp** [DE/DE]; Dochnahlstrasse 30, 67434 Neustadt (DE). **EVERTZ, Kaspar** [DE/DE]; Stettiner Str. 13, 67105 Schifferstadt (DE). **LANGE, Armin** [DE/DE]; Furtwänglerstrasse 7, 69121 Heidelberg (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ C08F 4/44, 4/00, 4/40

(11) WO 03/042254 (13) A1

(21) PCT/US02/33633

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/337,698 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CONTROLLED COPOLYMERIZATION OF METHYL ACRYLATE WITH OLEFINS UNDER MILD CONDITIONS

• COPOLYMERISATION CONTROLEE D'ACRYLATE DE METHYLE A L'AIDE D'OLEFINES DANS DES CONDITIONS MODEREES

(71) **THE PENN STATE RESEARCH FOUNDATION** [US/US]; Intellectual Property Office, 113 Technology Center, Center Building 200, Innovation Boulevard, University Park, PA 16802 (US).

- (72) **SEN, Ayusman**; 152 Davey Lab, University Park, PA 16802 (US). **ELYASHIV-BARAD, Sharon**; 152 Davey Lab, University Park, PA 16802 (US). **LIU, Shengsheng**; 152 Davey Lab, University Park, PA 16802 (US).
- (74) **BORSARI, Peter, A. et al.** / etc.; Borsari & Associates, 2001 Jefferson Davis Highway, Suite 206, 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 TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08F 8/00, 8/34, 8/42, 8/46
(11) WO 03/042255 (13) A1
(21) PCT/US02/31110
(22) 1 Oct/oct 2002 (01.10.2002)
(25) en (26) en
(30) 10/008,866 13 Nov/nov 2001 US (13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • MELT STRENGTH THERMOPLASTIC ELASTOMERS AND METHODS FOR MAKING SAME
• ELASTOMERES THERMOPLASTIQUES (TPE) PRESENTANT UNE RESISTANCE A L'ETAT DE FUSION ET PROCEDES DE FABRICATION
- (71) **SOLVAY ENGINEERED POLYMERS** [US/US]; 1201 Avenue H East, Grand Prairie, TX 75050 (US).
- (72) **ZHAO, Xia**; 449 Forest Ridge Drive, Coppell, TX 75019 (US). **TRAN, Hoan**; 1130 Silverwood #204, Arlington, TX 76006 (US). **REID, Charles, G.**; 1304 Forest Hills Road, Southlake, TX 76092 (US). **DING, Ruidong**; 4302 Vine Ridge Court, Arlington, TX 76017 (US).
- (74) **FANUCCI, Allan**; Winston & Strawn, Patent Department, 1400 L Street, N.W., Washington, DC 20005-3502 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08F 8/42, 2/38, C08L 101/00, C08F 220/00
(11) WO 03/042256 (13) A1
(21) PCT/JP02/11855
(22) 13 Nov/nov 2002 (13.11.2002)
- (25) ja (26) ja
(30) 2001-349346 14 Nov/nov 2001 JP (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • CURABLE COMPOSITION
• COMPOSITION DURCISSABLE
- (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) **OHSHIRO, Nobuaki** [JP/JP]; c/o Kaneka Corporation, 5-1-1, Torigai-nishi, Settsu-shi, Osaka 566-0072 (JP). **TSUJI, Ryotaro** [JP/JP]; c/o Kaneka Corporation, 5-1-1, Torigai-nishi, Settsu-shi, Osaka 566-0072 (JP). **HIRO, Tomoki** [JP/JP]; c/o Kaneka Corporation, 5-1-1, Torigai-nishi, Settsu-shi, Osaka 566-0072 (JP).
- (74) **NANJO, Hiromichi**; 5th Floor, Okina Bldg., 2-9, Nishitenma 3-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08F 8/50, 10/06
(11) WO 03/042257 (13) A1
(21) PCT/EP02/12787
(22) 13 Nov/nov 2002 (13.11.2002)
(25) en (26) en
(30) 01204356.8 14 Nov/nov 2001 EP (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • IMPACT STRENGTH POLYPROPYLENE
• POLYPROPYLENE A HAUTE RESISTANCE AU CHOC
- (71) **ATOFINA RESEARCH SA** [BE/BE]; Zone Industrielle C, B-7181 Senefte (Feluy) (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROEGIERS, Kristien** [BE/BE]; Barbiestraat 91, B-1861 Wolvertem (BE).
- (74) **ATOFINA RESEARCH, S.A.**; 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08F 10/08, 4/642
(11) WO 03/042258 (13) A1
(21) PCT/EP02/12731
(22) 8 Nov/nov 2002 (08.11.2002)
(25) en (26) en
(30) 012 04 317.0 12 Nov/nov 2001 EP (12.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • PROCESS FOR POLYMERIZING 1-BUTENE AND 1-BUTENE POLYMERS
• PROCEDE DE POLYMERISATION DE 1-BUTENE ET DE POLYMERES 1-BUTENE
- (71) **BASELL POLYOLEFINE GMBH** [DE/DE]; Brühler Strasse 60, 50389 Wesseling (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RESCONI, Luigi** [IT/IT]; Via Ariano-uova, 56/B, I-44100 Ferrara (IT).
- (74) **COLUCCI, Giuseppe**; Basell Poliolefine Italia S.P.A., Intellectual Property, P.le G. Donegani 12, 44100 Ferrara (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
Declarations / Déclarations :
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(u) for / pour US only / seulement
-
- (51)⁷ C08F 114/22
(11) WO 03/042259 (13) A1
(21) PCT/JP02/11415
(22) 1 Nov/nov 2002 (01.11.2002)
(25) ja (26) ja
(30) 2001-346342 12 Nov/nov 2001 JP (12.11.2001)
(30) 2002-242510 22 Aug/août 2002 JP (22.08.2002)
(43) 22 May/mai 2003 (22.05.2003)
(54) • POLYVINYLIDENE FLUORIDE
• FLUORURE DE POLYVINYLIDENE
- (71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Bldg., 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) **OTOI, Kenji** [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **TSUKAMOTO, Mitsuo** [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **NAKAYA, Hideki** [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **HIRAGA, Yoshiyuki** [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **NODA, Tomohisa** [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP).
- (74) **YASUTOMI, Yasuo** et al. / etc.; Chuo BLDG., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ **C08F 210/06, F16L 9/12**
- (11) **WO 03/042260** (13) A1
- (21) PCT/EP02/12368
- (22) **6 Nov/nov 2002 (06.11.2002)**
- (25) en (26) en
- (30) 01127005.5 **14 Nov/nov 2001** EP (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **PRESSURE PIPES**
• **CONDUITS PRESSION**
- (71) **BOREALIS TECHNOLOGY OY** [FI/FI]; P.O. Box 330, FIN-06201 Porvoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EBNER, Karl** [AT/AT]; Unterrohrstrasse 7, A-4532 Rohr (AT). **EMIG, Jürgen** [DE/DE]; In der Erlach 13, A-8160 Weiz (AT). **RUEMER, Franz** [AT/AT]; Mauthausenerstrasse 37/1, A-4222 St. Georgen (AT).
- (74) **VA TECH PATENTE GMBH & CO**; Zusammenschluss Nr.169, Stahlstrasse 21a, A-4031 Linz (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08F 220/12, C09J 133/06**
- (11) **WO 03/042261** (13) A2
- (21) PCT/US02/33053
- (22) **15 Oct/oct 2002 (15.10.2002)**
- (25) en (26) en
- (30) 60/332,305 **13 Nov/nov 2001** US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **PROCESS FOR FORMING SOLID PRESSURE SENSITIVE ADHESIVE POLYMER MICROSPHERES**
• **PROCEDE DE FABRICATION DE MICROSOPHERES POLYMERES SOLIDES AUTOCOLLANTES**
- (71) **SOLUTIA INC.** [US/US]; P.O. Box 66760, Mail Code 3S, 575 Maryville Centre Drive, St. Louis, MO 63166 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHEN, Augustin, T.** [US/US]; 893 Farmington Drive, Cheshire, CT 06410 (US). **GUO, Jong-Shing** [US/US]; 29 Canterbury Lane, Longmeadow, MA 01106 (US). **TREMBLEY, Sharon, D.** [US/US]; 878 Front Street, Chicopee, MA 01020 (US).
- (74) **GOETZ, Kenneth, D.**; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08F 283/06, C11D 3/37**
- (11) **WO 03/042262** (13) A2
- (21) PCT/EP02/12553
- (22) **11 Nov/nov 2002 (11.11.2002)**
- (25) de (26) de
- (30) 101 56 135.0 **16 Nov/nov 2001** DE (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **GRAFT POLYMER WITH SIDECHAINS COMPRISING NITROGEN HETEROCYCLES**
• **POLYMERES GREFFES DONT LES CHAINES LATERALES COMPRENNENT DES HETEROCYCLES AZOTES**
- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BAUM, Pia** [DE/DE]; Carl-Bosch-Ring 2, 67227 Frankenthal (DE). **MÜLLER, Christine** [DE/DE]; Gartenstrasse 13, 67063 Ludwigshafen (DE). **OSWALD, Anke** [DE/DE]; Landhausstr. 6, 67459 Böhl-Iggelheim (DE). **POTTHOFF-Karl, Birgit** [DE/DE]; Grünerstr. 7, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08F 283/06, C11D 3/37**
- (11) **WO 03/042264** (13) A2
- (21) PCT/EP02/12555
- (22) **11 Nov/nov 2002 (11.11.2002)**
- (25) de (26) de
- (30) 101 56 133.4 **16 Nov/nov 2001** DE (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **GRAFT POLYMER WITH SIDECHAINS COMPRISING NITROGEN HETEROCYCLES**

- POLYMERES GREFFES DONT LES CHAINES LATERALES COMPRENNENT DES HETEROCYCLES AZOTES
- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BAUM, Pia** [DE/DE]; Carl-Bosch-Ring 2, 67227 Frankenthal (DE). **MÜLLER, Christine** [DE/DE]; Gartenstr. 13, 67063 Ludwigshafen (DE). **OSWALD, Anke** [DE/DE]; Landhausstr. 6, 67459 Böhl-Iggelheim (DE). **POTTHOFF-KARL, Birgit** [DE/DE]; Grünerstrasse 7, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08F 290/06, G02C 7/04 // A61F 2/16**
- (11) **WO 03/042265** (13) A1
- (21) PCT/JP02/11776
- (22) **12 Nov/nov 2002 (12.11.2002)**
- (25) ja (26) ja
- (30) 2001-347375 **13 Nov/nov 2001 JP (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • POLYMER AND OPHTHALMIC LENSES MADE BY USING THE SAME
• POLYMERES ET LENTILLES OPHTHALMOLOGIQUES REALISEES A L'AIDE DE CE POLYMERES
- (71) **TORAY INDUSTRIES, INC.** [JP/JP]; 2-1, Nihonbashi Muromachi 2-chome, Chuo-ku, Tokyo 103-8666 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUJISAWA, Kazuhiko** [JP/JP]; Toray Seien-ryo 271, 15-1, Sonoyama 2-chome, Otsu-shi, Shiga 520-0842 (JP). **SHIMOYAMA, Naoki** [JP/JP]; 29-34, Wakabadai, Otsu-shi, Shiga 520-0845 (JP). **YOKOTA, Mitsuru** [JP/JP]; 43-8, Motomiya 2-chome, Otsu-shi, Shiga 520-0804 (JP).
- (74) **SATO, Kenji**; c/o Shiga Branch, TORAY INTELLECTUAL PROPERTY EXPERTS CO., LTD., 1-1, Sonoyama 1-chome, Otsu-shi, Shiga 520-8558 (JP).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ **C08F 297/04**
- (11) **WO 03/042266** (13) A1
- (21) PCT/KR02/02129
- (22) **14 Nov/nov 2002 (14.11.2002)**
- (25) en (26) en
- (30) 2001/70840 **14 Nov/nov 2001 KR (14.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCESS FOR PREPARING LINEAR BLOCK COPOLYMER
• PROCEDE RELATIF A L'ELABORATION D'UN COPOLYMERES BLOC LINEAIRE
- (71) **LG CHEM, LTD.** [KR/KR]; LG Twin Tower, Yoido-dong 20, Youngdungpo-ku, 150-721 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHUN, Moon-Seok** [KR/KR]; 8-202 LG Sataek, 381-42 Doryong-dong, Yuseong-gu, 305-340 Daejeon-city (KR). **CHO, Jae-Cheol** [KR/KR]; 107-602 Cheongku apt., Jeonmin-dong, Yuseong-gu, 305-390 Daejeon-city (KR). **SIM, Kyu-Seok** [KR/KR]; 214-1801 Sammeori apt., Dunsan-dong, Seo-gu, 302-120 Daejeon-city (KR). **LEE, Choon-Hwa** [KR/KR]; 529-4 Wangsan-ri, Mohyeon-myeon, 449-854 Yongin-city, Gyeonggi-do (KR).
- (74) **YOU ME PATENT & LAW FIRM**; Teheran Bldg., 825-33, 825-33 Yoksam-dong, Kangnam-ku, 135-080 Seoul (KR).
- (81) CN JP NO US.
- (84) EP (BE DE DK ES FI IT NL).
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- (51)⁷ **C08G 8/04**
- (11) **WO 03/042267** (13) A1
- (21) PCT/JP02/11924
- (22) **15 Nov/nov 2002 (15.11.2002)**
- (25) ja (26) ja
- (30) 2001-350949 **16 Nov/nov 2001 JP (16.11.2001)**
- (30) 2002-306573 **22 Oct/oct 2002 JP (22.10.2002)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PHENOLIC NOVOLAKS AND PROCESS FOR PRODUCTION THEREOF
• NOVOLAQUES PHENOLIQUES ET LEUR PROCEDE DE PRODUCTION
- (71) **ASAHI ORGANIC CHEMICALS INDUSTRY CO., LTD.** [JP/JP]; 5955, Nakanose-machi 2-chome, Nobeoka-shi, Miyazaki 882-0032 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **INATOMI, Shigeki** [JP/JP]; c/o ASAHI ORGANIC CHEMICALS INDUSTRY CO., LTD., AICHI-FACTORY, 26-4, Aza-shinzu, Oaza-Minamiyamana, Fuso-cho, Niwa-gun, Aichi 480-0105 (JP). **TANOUE, Noboru** [JP/JP]; c/o ASAHI ORGANIC CHEMICALS INDUSTRY CO., LTD., AICHI-FACTORY, 26-4, Aza-shinzu, Oaza-Minamiyamana, Fuso-cho, Niwa-gun, Aichi 480-0105 (JP).
- (74) **WATANABE, Keisuke** et al. / etc.; ROOM 229, Sanshin Bldg., 4-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-0006 (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
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
- (u) for / pour US only / seulement*
-
- (51)⁷ **C08G 18/00, C08J 9/14 // (C08G 18/00, 101:00)**
- (11) **WO 03/042268** (13) A1
- (21) PCT/JP02/10886
- (22) **21 Oct/oct 2002 (21.10.2002)**
- (25) ja (26) ja
- (30) 2001-347711 **13 Nov/nov 2001 JP (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCESS FOR PRODUCING SYNTHETIC RESIN FOAM
• PROCEDE DE PRODUCTION DE MOUSSE A BASE DE RESINE SYNTHETIQUE
- (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) **SHIBANUMA, Takashi** [JP/JP]; c/o Yodogawa Seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (JP). **TSUCHIYA, Tatsumi** [JP/JP]; c/o Yodogawa Seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (JP). **YAMADA, Yasufu** [JP/JP]; c/o Yodogawa Seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08G 18/10, 18/48, 18/32
(11) WO 03/042269 (13) A1
(21) PCT/EP02/12490
(22) 8 Nov/nov 2002 (08.11.2002)
(25) de (26) de
(30) 101 55 772.8 14 Nov/nov 2001 DE (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD FOR PRODUCING POLYURETHANES
• PROCÉDES DE PRODUCTION DE POLYURETHANES
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHÜTTE, Markus [DE/DE]; Georgstrasse 2, 49074 Osnabrück (DE).
KREYENSCHMIDT, Martin [DE/DE]; Corveystrasse 22, 49393 Lohne (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08G 18/10, 18/38, G02B 1/04, C08G 75/02, 75/04, 75/14
(11) WO 03/042270 (13) A1
(21) PCT/EP02/12767
(22) 14 Nov/nov 2002 (14.11.2002)
(25) en (26) en
(30) 09/992,054 14 Nov/nov 2001 US (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • HIGH REFRACTIVE INDEX AND HIGH IMPACT RESISTANT POLYTHIOURETHANE/UREA MATERIAL, METHOD OF MANUFACTURING SAME AND ITS USE IN THE OPTICAL FIELD
• MATERIAU POLYTHIOURETHANE/UREE PRESENTANT UN INDICE DE REFRACTION ET UNE RESISTANCE AUX IMPACTS ELEVES, PROCÉDE DE FABRICATION ET UTILISATION EN OPTIQUE
- (71) ESSILOR INTERNATIONAL COMPAGNIE GENERALE D'OPTIQUE [FR/FR]; 147 rue de Paris, F-94227 Charenton cedex (FR).
- (72) JALLOULI, Aref, Ben Ahmed; 13433 104th Avenue North, Largo, FL 33774 (US). OBORDO, Joey, Oliveros; 13416 88th Ave. N., Seminole, FL 33776 (US). TURSHANI, Yassin, Yusef; 8073 Somerset Drive, Largo, FL 33773 (US). JIANG, Peiqi; 3678 Amelia Way, Palm Harbor, FL 34684 (US). ADILEH, Fadi, O.; 5830 Memorial Highway, Apt. 915, Tampa, FL 33615 (US). WEBER, Steven; 14045 Egret Lane, Clearwater, FL 33762 (US).
- (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C08G 18/10, C09J 175/04, B29C 41/12
(11) WO 03/042271 (13) A1
(21) PCT/JP02/06009
(22) 17 Jun/juin 2002 (17.06.2002)
(25) ja (26) ja
(30) 2001-344706 9 Nov/nov 2001 JP (09.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • SOLVENTLESS, MOISTURE-CURABLE HOT-MELT URETHANE RESIN COMPOSITION, FOAMED PRODUCT AND SHEET STRUCTURE USING THE SAME
• COMPOSITION DE RESINE D'URETHANNE THERMOFUSIBLE EXEMPTÉ DE SOLVANT, DURCISSANT A L'HUMIDITE, PRODUIT MOUSSE ET STRUCTURE DE FEUILLE UTILISANT CEUX-CI
- (71) DAINIPPON INK AND CHEMICALS, INC. [JP/JP]; 35-58, Sakashita 3-chome, Itabashi-ku, Tokyo 174-8520 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KANAGAWA, Yoshinori [JP/JP]; 10-38-301, Sugawara-cho, Izumiotsu-shi, Osaka 595-0066 (JP). NIWA, Toshio [JP/JP]; 1-24-5, Wakamiya-cho, Izumiotsu-shi, Osaka 595-0065 (JP). TAKAHASHI, Masahiko [JP/JP]; 29-5-203, Yamadaminami, Suita-shi, Osaka 565-0823 (JP).
- (74) SHIGA, Masatake et al. / etc.; OR Bldg., 23-3, Takadanobaba, 3-chome, Shinjuku-ku, Tokyo 169-8925 (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 C08G 18/38, 18/80, 18/10
(11) WO 03/042272 (13) A1
(21) PCT/EP02/12260
(22) 4 Nov/nov 2002 (04.11.2002)
(25) de (26) de
(30) 101 56 247.0 15 Nov/nov 2001 DE (15.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • PREPOLYMERS FOR FLAME-RESISTANT POLYURETHANES
• PREPOLYMERES POUR POLYURETHANES IGNIFUGES
- (71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRASSAT, Ingo [DE/DE]; Walter-Flex-Str. 20, 51373 Leverkusen (DE). FRIEDERICHS, Wolfgang [DE/DE]; Am Ackerrain 16, 50933 Köln (DE). HOLLMANN, Christoph [DE/DE]; Bahnhofstr. 22 b, 41352 Korschenbroich (DE). VIELER, Robert [DE/DE]; Bergheimer Str. 24 b, 41542 Dormagen (DE). KÜNZEL, Uwe [DE/DE]; Käthe-Kollwitz-Str. 14, 51377 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ C08G 18/62, A61L 29/00, C08F 236/20
(11) WO 03/042273 (13) A1
(21) PCT/US02/36332
(22) 13 Nov/nov 2002 (13.11.2002)
(25) en (26) en
(30) 60/332,695 14 Nov/nov 2001 US (14.11.2001)
(30) 60/361,254 1 Mar/mar 2002 US (01.03.2002)
(30) 10/292,933 13 Nov/nov 2002 US (13.11.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • COMPOUNDS CONTAINING QUATERNARY CARBONS, MEDICAL DEVICES, AND METHODS

• COMPOSES CONTENANT DES CARBONES QUATERNAIRES, DISPOSITIFS MEDICAUX ET METHODES ASSOCIEES

(71) MEDTRONIC, INC. [US/US]; LC 340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(72) DIDOMENICO, Edward; 633 School Street, Anoka, MN 55303 (US). HOBOT, Christopher, M.; 40 Pleasant Lane West, Tonka Bay, MN 55331 (US). BENZ, Michael, E.; 15410 Hematite Street Northeast, Ramsey, MN 55303 (US). WAGENER, Kenneth, B.; 5012 NW 15th Place, Gainesville, FL 32605 (US). SCHWENDEMAN, John, E.; 2104 Foley Drive, Parkersburg, WV 32605 (US).

(74) COLLIER, Kenneth, J. et al. / etc.; 710 Medtronic Parkway N.E., Minneapolis, MN 55432-5601 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51) C08G 18/64, 18/73, B01J 13/16, 13/20

(11) WO 03/042274 (13) A1

(21) PCT/EP02/11736

(22) 19 Oct/oct 2002 (19.10.2002)

(25) de (26) de

(30) 101 56 672.7 17 Nov/nov 2001 DE (17.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR THE PRODUCTION OF MICROCAPSULES

• PROCEDE DE PRODUCTION DE MICROCAPSULES

(71) CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH [DE/DE]; Paul-Baumann-Strasse 1, 45772 Marl (DE). FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG EV [DE/DE]; Leonrodstrasse 68, 80636 München (DE).

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

(72, 75) SCHMIDT, Friedrich, Georg [DE/DE]; Brukterer Strasse 46, 45721 Haltern am See (DE). PAWLIK, Andreas [DE/DE]; Reitzensteinstrasse 60, 45657 Recklinghausen (DE). RAFLER, Gerald [DE/DE]; Am Brunnen 4, 14473 Potsdam (DE). LANG, Jacqueline [DE/DE]; Marchlewskistrasse 30, 10243 Berlin (DE). FRIEDRICH, Reiner [DE/AU]; 52 Stanley St., Canberra, ACT 2602 (AU).

(74) CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH; Intellectual Property Management, Patente u. Marken, Bau 1042/PB 15, Paul-Baumann-Strasse 1, 45772 Marl (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C08G 59/14, 59/16, C08K 03/20, C08L 63/02

(11) WO 03/042275 (13) A1

(21) PCT/US02/36353

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/332,346 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • AUTODEPOSITING ANIONIC EPOXY RESIN WATER DISPERSION

• DISPERSION AQUEUSE DE RESINE EPOXYDE ANIONIQUE A AUTO-DEPOSITION

(71) HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN [DE/DE]; 67 Henkelstrasse, 40589 Duesseldorf (DE).

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

(72, 75) Bammel, Brian [US/US]; 447 Parkland Dr., Rochester Hills, MI 48207 (US). MCGEE, John [US/US]; 2397 Valleyview, Troy, MI 48098 (US). YANG, Zhiqi [US/US]; 2395 Sweet Drive, Troy, MI 48085 (US).

(74) HARPER, Stephen, D.; Henkel Corporation, 2500 Renaissance Boulevard, Suite 200, Gulph Mills, PA 19406 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declarations / Déclarations :

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

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

(t) for all designations / pour toutes les désignations

(51)⁷ C08G 61/00, H01L 51/30

(11) WO 03/042276 (13) A2

(21) PCT/US02/35782

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 60/348,830 13 Nov/nov 2001 US (13.11.2001)

(30) 60/365,389 18 Mar/mar 2002 US (18.03.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PROCESS FOR PREPARING AROMATIC POLYMERS

• PROCEDE DE PREPARATION DE POLYMERES AROMATIQUES

(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) UCKERT, Frank, P. [DE/US]; 129 West 13th Street, Wilmington, DE 19801 (US).

(74) WANG, Chen; E. I. Du Pont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

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

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

(51)⁷ C08G 63/08

(11) WO 03/042277 (13) A1

(21) PCT/CN01/01622

(22) 13 Dec/déc 2001 (13.12.2001)

(25) zh (26) zh

(30) 01 1 32179.2 12 Nov/nov 2001 CN (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • THE POLYESTER CONTAINING ACTIVE DRUGS AND HAVING AMINO ACIDS IN THE MAIN CHAIN, AND ITS PREPARATION METHOD

• POLYMERES CONTENANT DES DROGUES PSYCHO-ACTIVES ET POSSEDANT DES ACIDES AMINES DANS SA CHAINE PRINCIPALE, ET SON PROCEDE DE PREPARATION

(71) EAST CHINA UNIVERSITY OF SCIENCE AND TECHNOLOGY [CN/CN];

- P.O. Box 289, No. 130 Meilong Road, Shanghai 200237 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHENG, Shujun** [CN/CN]; P.O. Box 289, No. 130 Meilong Road, Shanghai 200237 (CN). **TANG, Zhirong** [CN/CN]; P.O. Box 289, No. 130 Meilong Road, Shanghai 200237 (CN). **RAO, Ju** [CN/CN]; P.O. Box 289, No. 130 Meilong Road, Shanghai 200237 (CN).
- (74) **CHINA SINDA INTELLECTUAL PROPERTY LTD.**; Suite 1300, China Garment Mansion, No. 99 Jianguo Road, Chaoyang District, Beijing 100020 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **C08G 63/78, B01J 10/00, 19/18**
- (11) **WO 03/042278** (13) A1
- (21) PCT/EP02/12564
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) de (26) de
- (30) 101 55 419.2 12 Nov/nov 2001 DE (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR THE CONTINUOUS PRODUCTION OF HIGH-MOLECULAR POLYESTER AND DEVICE FOR CARRYING OUT THE METHOD
- PROCEDE DE PRODUCTION CONTINUE DE POLYESTER MACROMOLECULAIRE ET DISPOSITIF POUR METTRE EN OEUVRE CELUI-CI
- (71) **INVENTA-FISCHER GMBH & CO. KG** [DE/DE]; Holzhauser Strasse 157-159, 13509 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHULZ VAN ENDERT, Eike** [DE/DE]; Olafstr. 85, 13467 Berlin (DE). **HAGEN, Rainer** [DE/DE]; Stolzingerstrasse 64, 13465 Berlin (DE). **HILLE, Thomas** [DE/DE]; Dohlenstrasse 10, 13505 Berlin (DE). **ATLAS, Christian** [DE/DE]; Alt-Reinickendorf 13a, 13407 Berlin (DE). **THIELE, Ulrich** [DE/DE]; Heinrich-von-Brentano-Strasse 2, 63486 Bruchköbel (DE).
- (74) **PFENNING, MEINIG & PARTNER GBR**; Mozartstrasse 17, 80336 München (DE).
- (81) BR CN IN JP KR MX US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ **C08G 64/30**
- (11) **WO 03/042279** (13) A1
- (21) PCT/US02/30553
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 09/683,064 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • REDUCTION OF REACTION BY-PRODUCTS IN POLYCARBONATE RESINS
- REDUCTION DE PRODUITS DE REACTION SECONDAIRES DANS DES RESINES POLYCARBONATES
- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) **BRACK, Hans, Peter**; Schulhausstrasse 64, CH-8704 Herrliberg (CH). **KARLIK, Dennis**; Kaatsbaan 36, NL-4611 JX Bergen op Zoom (NL). **CELLA, James, Anthony**; 30 Lace Lane, Clifton Park, NY 12065 (US). **PRADA, Lina**; C/Juan De la Cosa, n° 1, 3A, E-30007 Murcia, - (ES).
- (74) **WINTER, Catherine, J. et al. / etc.**; General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08G 65/26, B01J 27/26, C08G 18/48**
- (11) **WO 03/042280** (13) A1
- (21) PCT/EP02/12492
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) de (26) de
- (30) 101 56 117.2 15 Nov/nov 2001 DE (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR PRODUCING POLYETHER ALCOHOLS
- PROCEDE DE PRODUCTION D'ALCOOLS DE POLYETHER
- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOHRES, Edward** [DE/DE]; Q1 19, 68161 Mannheim (DE). **MÜLLER, Ulrich** [DE/DE]; Am Stecken 14a, 67435 Neustadt (DE). **RUPPEL, Raimund** [DE/DE]; Braunschweiger Strasse 8, 01127 Dresden (DE). **BAUM, Eva** [DE/DE]; Ruhlander Strasse 123, D-01987 Schwarzeheide (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08G 65/26, 18/18**
- (11) **WO 03/042281** (13) A1
- (21) PCT/EP02/12493
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) de (26) de
- (30) 101 56 014.1 15 Nov/nov 2001 DE (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR PRODUCING POLYETHER ALCOHOLS
- PROCEDE DE PRODUCTION D'ALCOOLS DE POLYETHER
- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GÜTTES, Bernd** [DE/DE]; Senftenberger Strasse 22, 03238 Sallgast (DE). **HARRE, Kathrin** [DE/DE]; Silcherstr. 4, 01109 Dresden (DE). **KNORR, Gottfried** [DE/DE]; Heinrich-Witte-Str. 40, 49179 Ostercappeln (DE). **SCHUSTER, Marita** [DE/DE]; Albert-Schweitzer-Strasse 25, 01968 Senftenberg (DE). **WETTERLING, Monika** [DE/DE]; Glück-Auf-Strasse 4, 01968 Senftenberg (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08G 65/44**
- (11) **WO 03/042282** (13) A1
- (21) PCT/US02/34507
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) en (26) en
- (30) 09/683,037 12 Nov/nov 2001 US (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD OF PREPARING A POLY(ARYLENE ETHER) AND A

- POLY(ARYLENE ETHER) PREPARED THEREBY
- PROCEDE DE PREPARATION D'UN POLY(ARYLENE ETHER) ET POLY(ARYLENE ETHER) AINSI OB-TENU
- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) **BIRSAK, Joop**; Waterstraat 2, NL-4661 RA Halstere (NL). **INGELBRECHT, Hugo, Gerard, Eduard**; Nieuwe Heikant 13, B-2190 Essen (BE). **PARRILLO, David**; 6005 Banebeary Drive, Schenectady, NY 12303 (US). **PARTHASARATHY, Mukund**; 702 Derzee Court, Delmar, NY 12054 (US). **SINGH, Probjot**; 13 Elm Avenue, Delmar, NY 12054 (US).
- (74) **WINTER, Catherine, J. et al. / etc.**; General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **C08G 77/42, 77/392, C08B 15/05, 33/00, C07F 7/08**
- (11) **WO 03/042283** (13) A1
- (21) PCT/JP02/11807
- (22) **12 Nov/nov 2002 (12.11.2002)**
- (25) en (26) en
- (30) NO.2001-348122 **13 Nov/nov 2001 JP (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **SACCHARIDE RESIDUE-FUNCTIONAL ORGANOPOLYSILOXANES AND METHOD FOR THE PREPARATION THEREOF**
- **ORGANOPOLYSILOXANES FONCTIONNELS A RESIDUS SACCHARIDIQUES ET LEUR PROCEDE DE PREPARATION**
- (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) **YOSHITAKE, Makoto** [JP/JP]; c/o Dow Corning Toray Silicone Co., Ltd., Science and Technology Division, 2-2, Chigusakaigan, Ichihara-shi, Chiba 299-0108 (JP). **TERUNUMA, Daiyo** [JP/JP]; 1-789, Nisshin-cho, Saitama-shi, Saitama 331-0044 (JP). **MATSUOKA, Koji** [JP/JP]; 800-2-301, Magome, Hasuda-shi, Saitama 349-0114 (JP). **HATANO, Ken** [JP/JP]; Amu-ruhoshino 203, 181, Syuku, Saitama-shi, Saitama 338-0814 (JP).
- (74) **KUBOTA, Yoshitaka**; c/o Asa International Patent Firm Chiba Office, 43-27, Satsuki-gaoka 1-chome, Hanamigawa-ku, Chiba-shi, Chiba 262-0014 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08J 3/12, 3/22, B29C 37/00, B65D 85/00**
- (11) **WO 03/042285** (13) A2
- (21) PCT/US02/35805
- (22) **7 Nov/nov 2002 (07.11.2002)**
- (25) en (26) en
- (30) 10/039,774 **9 Nov/nov 2001 US (09.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **ELASTOMER COMPOSITE MATERIALS IN LOW DENSITY FORMS AND METHODS**
- **MATERIAUX COMPOSITES ELASTOMERES DANS DES FORMES A BASSE DENSITE ET PROCEDES CORRESPONDANTS**
- (71) **CABOT CORPORATION** [US/US]; Two Seaport Lane, Suite 1300, Boston, MA 02210-2019 (US).
- (72) **WANG, Ting**; Four Shephards Lane, Billerica, MA 01862 (US). **MCCONNELL, Glenn, A.**; 3031 LaSalle Avenue, Apt. 4, Rockford, IL 61114 (US). **WANG, Meng-Jiao**; 45 North Hancock Street, Lexington, MA 02420 (US).
- (74) **LANDO, Michelle, B.**; Cabot Corporation, 157 Concord Road, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08J 9/00**
- (11) **WO 03/042286** (13) A2
- (21) PCT/EP02/12604
- (22) **12 Nov/nov 2002 (12.11.2002)**
- (25) de (26) de
- (30) 101 56 132.6 **16 Nov/nov 2001 DE (16.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **FOAMS CONSISTING FOR THE MAJOR PART OF CARBON AND METHOD FOR PRODUCING SAME**
- **MOUSSES CONSTITUEES MAJORITAIREMENT DE CARBONE ET LEUR PROCEDE DE PRODUCTION**
- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROTERMUND, Udo** [DE/DE]; Am Haag 5, 01990 Ortrand (DE). **HEMPEL, Renate** [DE/DE]; E.-Thälmann-Strasse 23, 01945 Ruhland (DE). **VOELKEL, Rüdiger** [DE/DE]; Schannenbacher Weg

- 2, 64625 Bensheim (DE). SCHLEGEL, Karl [DE/DE]; Heidestrasse 8b, 01987 Schwarzheide (DE). FALKE, Peter [DE/DE]; Gefluderstrasse 44, 01987 Schwarzheide (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C08J 9/08
- (11) WO 03/042287 (13) A2
- (21) PCT/EP02/12628
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 101 55 469.9 12 Nov/nov 2001 DE (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PORUS MATERIALS BASED ON TEMPLATE-FORMING MICROORGANISMS
- MATERIAUX POREUX SUR LA BASE DE MICRO-ORGANISMES FORMANT MATRICE
- (71) HTE AKTIENGESELLSCHAFT THE HIGH THROUGHPUT EXPERIMENTATION COMPANY [DE/DE]; Kurpfalzring 104, 69123 Heidelberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHUNK, Stephan, Andreas [DE/DE]; Kaiserstrasse 59, 69115 Heidelberg (DE).
- (74) RICKER, Mathias; Jones Day, Prinzregentenstrasse 56, 80538 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08J 11/08, 11/24
- (11) WO 03/042288 (13) A1
- (21) PCT/JP02/11836
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) ja (26) ja
- (30) 2001-351068 16 Nov/nov 2001 JP (16.11.2001)
- (30) 2001-351073 16 Nov/nov 2001 JP (16.11.2001)
- (30) 2001-351076 16 Nov/nov 2001 JP (16.11.2001)
- (30) 2001-351081 16 Nov/nov 2001 JP (16.11.2001)
- (30) 2001-351082 16 Nov/nov 2001 JP (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR DISSOLVING SATURATED POLYESTER, SOLUTION FOR DECOMPOSING SATURATED POLYESTER AND METHOD FOR DECOMPOSITION USING THE SAME
- METHODE DE DISSOLUTION D'UN POLYESTER SATURE, SOLUTION DE DECOMPOSITION D'UN POLYESTER SATURE, ET METHODE DE DECOMPOSITION UTILISANT CETTE SOLUTION
- (71) HITACHI CHEMICAL CO., LTD. [JP/JP]; 1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0449 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUKUZAWA, Hisayo [JP/JP]; c/o HITACHI CHEMICAL CO., LTD., Research & Development Center, 1500, Oaza Ogawa, Shimodate-shi, Ibaraki 308-8521 (JP). SHIBATA, Katsuji [JP/JP]; c/o HITACHI CHEMICAL CO., LTD., Research & Development Center, 1500, Oaza Ogawa, Shimodate-shi, Ibaraki 308-8521 (JP). IZAWA, Hiroyuki [JP/JP]; c/o HITACHI CHEMICAL CO., LTD., Research & Development Center, 1500, Oaza Ogawa, Shimodate-shi, Ibaraki 308-8521 (JP). IWAMARU, Ayako [JP/JP]; Room 104, Eren Heights, 1052, Nunogawa, Shimodate-shi, Ibaraki 308-0846 (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 BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08J 11/12
- (11) WO 03/042289 (13) A1
- (21) PCT/AU02/01543
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) PR 8826 12 Nov/nov 2001 AU (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND APPARATUS FOR THE PROCESSING OF CARBON-CONTAINING POLYMERIC MATERIALS
- PROCEDE ET APPAREIL POUR LE TRAITEMENT DE MATERIAUX POLYMERES CONTENANT DU CARBONE
- (71) TOX FREE SOLUTIONS LIMITED [AU/AU]; 2nd Floor, 45 Stirling Highway, Nedlands, Western Australia 6009 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NUSIMOVICH, Sergio [AU/AU]; 2nd Floor, 45 Stirling Highway, Nedlands, Western Australia 6009 (AU).
- (74) WRAY & ASSOCIATES; Level 4, The Quadrant, 1 William Street, Perth, Western Australia 6000 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08K 3/30, F21V 8/00, G02B 1/04
- (11) WO 03/042290 (13) A1
- (21) PCT/EP02/11547
- (22) 16 Oct/oct 2002 (16.10.2002)
- (25) de (26) de
- (30) 101 56 068.0 16 Nov/nov 2001 DE (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • LIGHT CONDUCTING BODY AND METHOD FOR THE PRODUCTION THEREOF
- ELEMENT DE GUIDAGE DE LUMIERE ET PROCEDE DE FABRICATION ASSOCIE
- (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) SCHMIDT, Jann [DE/DE]; Hirschstrasse 20, 64291 Darmstadt (DE). ITTMANN, Günther [DE/DE]; Waldstr. 15, 64823 Gross-Umstadt 7 (DE). LICHTENSTEIN, Hans [DE/DE]; Am Schützenrain 9, 64354 Reinheim (DE). GROOTHUES, Herbert [DE/DE]; Einsteinstrasse 20b, 64331 Weiterstadt (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C08K 5/5357, 5/5313, 5/00, C08L 63/00, C08J 5/24, B32B 27/38
- (11) WO 03/042291 (13) A1
- (21) PCT/EP02/10500
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (30) 01204400.4 16 Nov/nov 2001 EP (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • HALOGEN-FREE PHOSPHOROUS- AND NITROGEN-CONTAINING FLAME-RESISTANT EPOXY RESIN COMPOSITIONS, AND PREPREGS DERIVED FROM THEREOF
- COMPOSITIONS DE RESINE EPOXYDE IGNIFUGES EXEMPTES D'HALOGENE, PHOSPHOREES ET AZOTES, ET PRE-IMPREGNES DERIVES DE CELLES-CI
- (71) RESOLUTION RESEARCH NEDERLAND B.V. [NL/NL]; 601, Vondelingenweg, NL-3196 KK Vondelingenplaat RT (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DE VELDER, Helga, Leontine, Andrea [BE/BE]; 1, avenue Jean Monnet, B-1348 Ottignies Louvain-la-Neuve (BE). STEVENS, Philippe, Eric [BE/BE]; 1, avenue Jean Monnet, B-1348 Ottignies Louvain-la-Neuve (BE). HEINE, Françoise, Marie, Louise [BE/BE]; 1, avenue Jean Monnet, B-1348 Ottignies Louvain-la-Neuve (BE). RIVIERE, Jean, Andre, Alfred [BE/BE]; 1, avenue Jean Monnet, B-1348 Ottignies Louvain-la-Neuve (BE).
- (74) BARENDREGT, F.; 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C08K 9/08, C09C 1/30
- (11) WO 03/042293 (13) A1
- (21) PCT/GB02/04697
- (22) 17 Oct/oct 2002 (17.10.2002)
- (25) en (26) en
- (30) 0127220.2 13 Nov/nov 2001 GB (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SILICA MATTING AGENTS
- AGENTS DE MATITE SILICIEUX
- (71) INEOS SILICAS LIMITED [GB/GB]; Bank Quay, Warrington, Cheshire WA5 1AB (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MOREA-SWIFT, Gemma [IT/GB]; 8 Branden Drive, Knutsford., Cheshire WA16 8EJ (GB). GIBSON, Robin, Riyadh [GB/GB]; Newton Cottage, Newton Lane, Newton by Tattenhall, Chester CH3 9AX (GB).
- (74) COLLINGWOOD, Anthony, Robert et al. / etc.; Lloyd Wise, McNeight & 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C08L 3/00, 23/00
- (11) WO 03/042294 (13) A1
- (21) PCT/CN02/00271
- (22) 19 Apr/avr 2002 (19.04.2002)
- (25) zh (26) zh
- (30) 01134820.8 15 Nov/nov 2001 CN (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A METHOD FOR PRODUCING BIOLOGICALLY DEGRADABLE RESIN
- PROCEDE DE PRODUCTION D'UNE RESINE BIODEGRADABLE
- (71) TIANJIN DANHAI CO., LTD. [CN/CN]; No. 10, Minhe Road, Xiqing Economic Development Zone, Tianjin 300381 (CN).
- (72) LIU, Jiafan; No. 10, Minhe Road, Xiqing Economic Development Zone, Tianjin 300381 (CN). QUAN, Shipu; No. 10, Minhe Road, Xiqing Economic Development Zone, Tianjin 300381 (CN).
- (74) CCPIT PATENT AND TRADEMARK LAW OFFICE; F8, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C08L 3/08, D21H 17/29, 17/37, 21/10
- (11) WO 03/042295 (13) A1
- (21) PCT/US02/37316
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 10/066,969 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MODIFIED STARCH AND PROCESS THEREFOR
- EMPOIS MODIFIE ET PROCESSUS ASSOCIE

Published / Publiée : (c)

(51)⁷ C08K 5/5435, C08L 23/18, 23/10, C09D 123/10, C09J 123/10

(11) WO 03/042292 (13) A2

(21) PCT/EP02/12487

(22) 8 Nov/nov 2002 (08.11.2002)

(25) de (26) de

(30) 101 56 623.9 17 Nov/nov 2001 DE (17.11.2001)

(30) 102 49 563.7 24 Oct/oct 2002 DE (24.10.2002)

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **MOFFETT, Robert, Harvey**; 6 Crossan Court, Landenberg, PA 19350 (US).

(74) **SHAY, Lucas, K.**; E.I. Dupont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

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

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

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

(t) for all designations / pour toutes les désignations

(51)⁷ C08L 23/08, C08K 7/02, C08L 75/04

(11) WO 03/042296 (13) A2

(21) PCT/US02/36547

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/332,232 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • BLENDS OF OLEFIN INTERPOLYMERS AND URETHANE POLYMERS AND METHOD OF MAKING SAME

• MELANGES D'INTERPOLYMERES OLEFINIQUES ET DE POLYMERES URETHANIQUES ET LEUR PROCEDE DE FABRICATION

(71) **DOW GLOBAL TECHNOLOGIES INC.** [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).

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

(71, 72) **MONTANYE, Jeffrey, Richard** [US/US]; 5810 Heritage Court, Midland, MI 48640 (US).

(72, 75) **CHANG, Dane** [US/US]; 4911 Chritien Point Court, Sugar Land, TX 77478 (US). **FARAH, Hani, H.** [US/US]; 2702 Field Line Dr., Sugar Land, TX 77479 (US). **COX, J., Mark** [US/US]; 4218 Roaring Rapids Dr., Houston, TX 77059 (US). **DIEHL, Charles**

[US/US]; 119 Dewberry Dr., Lake Jackson, TX 77566 (US). **WALTHER, Brian, W.** [US/US]; 630 Hwy. 332, Lake Jackson, TX 77566 (US). **KARANDE, Seema, V.** [US/US]; 2815 Pinebend Dr., Pearland, TX 77584 (US). **KIM, Wan, Je** [KR/CN]; Unit 0569, Tower 12, Hong Kong Parkview, 88 Tai Tam Reservoir Rd., 0 Hong Kong (CN). **LEE, Yeon, Jae** [KR/KR]; 108-1702 Bando-bora Apt., Hak-jang dong, 0 Busan (KR).

(74) **BAI, J., Benjamin**; Jenkens & Gilchrist, 1100 Louisiana, Ste. 1800, Houston, TX 77002 (US).

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

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

(51)⁷ C08L 31/02, 29/04, C09J 131/02

(11) WO 03/042297 (13) A1

(21) PCT/JP02/11728

(22) 11 Nov/nov 2002 (11.11.2002)

(25) ja (26) ja

(30) 2001-347854 13 Nov/nov 2001 JP (13.11.2001)

(30) 2001-347855 13 Nov/nov 2001 JP (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • VINYL ESTER RESIN EMULSION

• EMULSION DE RESINE D'ESTER VINYLIQUE

(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) **TANIMOTO, Seiji** [JP/JP]; c/o Kuraray Co., Ltd., 1621, Sakazu, Kurashiki-shi, Okayama 710-8622 (JP). **INOMATA, Naokiyo** [JP/JP]; c/o Kuraray Co., Ltd., 3-1-6, Nihonbashi, Chuo-ku, Tokyo 103-8254 (JP).

(81) CN KR US.

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

(51)⁷ C08L 63/00, 81/06 // (C08L 63/00, 63:06)

(11) WO 03/042298 (13) A1

(21) PCT/EP02/12045

(22) 29 Oct/oct 2002 (29.10.2002)

(25) de (26) de

(30) 101 55 157.6 12 Nov/nov 2001 DE (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MODIFIED EPOXY RESINS
• RESINES EPOXY MODIFIEES

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

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

(72, 75) **ALIG, Ingo** [DE/DE]; Meisenweg 22A, 64331 Weiterstadt (DE). **HOLST, Marco** [DE/DE]; Schwabstr. 57, 70197 Stuttgart (DE). **WEBER, Martin** [DE/DE]; Diesdesfelder Strasse 26, 67487 Maikammer (DE).

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

(81) JP US.

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

(51)⁷ C08L 67/02

(11) WO 03/042299 (13) A1

(21) PCT/US01/29928

(22) 25 Sep/sep 2001 (25.09.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • MOLDABLE RESIN COMPOSITION BASED ON COPOLYESTER ELASTOMERS

• COMPOSITION DE RESINE MOULABLE A BASE D'ELASTOMERES DE COPOLYESTER

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **PHILIPPOZ, Jean-Michel**; Ch. De La Bruyer 32, CH-1247 Frangins (CH). **KIRCHNER, Olaf, Norbert**; DuPont de Nemours (International) S.A., 146, route du Nant-d'avril, CH1247 Meyrin (CH). **FORTMANN, Kathy**; 2040 Yarmuth Drive, Apartment 39, Rochester Hills, MI 48307 (US).

(74) **JOUNG, J., Kenneth**; E.I. Du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) CA 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 C08L 67/04, C08J 3/075

(11) WO 03/042300 (13) A1

(21) PCT/CA02/01745

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/331,414 15 Nov/nov 2001 US (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PREPARING GELS

• PROCEDE SERVANT A PREPARER DES GELS

(71) **BIOMATERA INC.** [CA/CA]; 6100 Royalmount Avenue, Montréal, Québec H4P 2R2 (CA).

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

(72, 75) **MASARO, Laurent** [CA/CA]; 3525, rue Swail, app. 12, Montréal, Québec H3T

- IP5 (CA). LAPOINTE, Patrick [CA/CA]; 3475, boulevard Henri-Bourassa Est, app. 302, Montréal-Nord, Québec H1H 1H8 (CA). JACQUES-GAYET, Jean-Charles [CA/CA]; 5180, Walkley, app. 5, Montréal, Québec H4V 2M5 (CA).
- (74) OGILVY RENAULT et al. / etc.; 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08L 67/04, 29/04
- (11) WO 03/042301 (13) A1
- (21) PCT/JP02/11379
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) ja (26) ja
- (30) 2001-346742 12 Nov/nov 2001 JP (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • RESIN COMPOSITION, PROCESS FOR ITS PRODUCTION AND USE THEREOF
- COMPOSITION DE RESINE, SON PROCEDE DE PRODUCTION ET SON UTILISATION
- (71) DAICEL CHEMICAL INDUSTRIES, LTD. [JP/JP]; 1, Teppo-cho, Sakai-shi, Osaka 590-0905 (JP).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KOTANI, Kazuya [JP/JP]; B-103, 2-39, Shioya 2-chome, Ohno-cho, Saeki-gun, Hiroshima 739-0445 (JP).
- (74) MIURA, Yoshikazu; Kurosusaido Kojimachi, 4, Kojimachi 5-chome, 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08L 67/04, C08J 5/00, C08K 5/10, 5/20, 5/521
- (11) WO 03/042302 (13) A1
- (21) PCT/JP02/11859
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) ja (26) ja
- (30) 2001-350020 15 Nov/nov 2001 JP (15.11.2001)
- (30) 2002-286386 30 Sep/sep 2002 JP (30.09.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • LACTIC ACID POLYMER COMPOSITION AND MOLDED OBJECT THEREOF
- COMPOSITION A BASE DE POLYMERE D'ACIDE LACTIQUE ET OBJET MOULE ASSOCIE
- (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) YOSIMURA, Masahumi [JP/JP]; 9-39, Saguri, Sayama, Kumiyama-cho, Kuse-gun, Kyoto 613-0034 (JP). KAMOGAWA, Toshiyuki [JP/JP]; 1-5-25, Kamishinden, Toyonaka-shi, Osaka 560-0085 (JP). HATTORI, Kazuhiro [JP/JP]; 9-148, Higashino Nakainoue-cho, Yamashina-ku, Kyoto-shi, Kyoto 607-8142 (JP). IDA, Yukihiko [JP/JP]; 8-4, Matsumuro Jike-cho, Nishikyo-ku, Kyoto-shi, Kyoto 615-8294 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C08L 69/00, C08K 5/521, 5/42
- (11) WO 03/042303 (13) A1
- (21) PCT/US02/34325
- (22) 23 Oct/oct 2002 (23.10.2002)
- (25) en (26) en
- (30) 10/015,053 12 Nov/nov 2001 US (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • FLAME RETARDANT RESINOUS COMPOSITIONS AND METHOD
- COMPOSITIONS RESINEUSES IGNIFUGES ET PROCEDE
- (71) GENERAL ELECTRIC COMPANY (a New York Corporation) [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) CAMPBELL, John, Robert; 41 Pepper Hollow, Clifton Park, NY 12065 (US). MIEBACH, Thomas; 1307 Lookout Lane, Clifton Park, NY 12065 (US). MARUGAN, Monica; Schaempmanlaan 70, 4623XZ, Bergen op Zoom (NL). EBELING, Thomas, Arnold; 201 Brookview Drive, Evansville, IN 47711 (US).
- (74) WINTER, Catherine, J. et al. / etc.; Patent Counsel, General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08L 83/04
- (11) WO 03/042304 (13) A1
- (21) PCT/US02/35591
- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) en (26) en
- (30) 10/035,450 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SYNTHESIS AND USE OF ALKYLALCOXY ACYLOXYSILANES AND BLENDS THEREOF FOR USE AS A CROSSLINKING AGENT IN MOISTURE CURING RTV'S
- SYNTHESE ET UTILISATION D'ALKYLALCOXYACYLOXYSILANES ET LEURS MELANGES DESTINES A ETRE UTILISES EN TANT QU'AGENT DE RETICULATION DANS UN PROCEDE DE VULCANISATION A LA TEMPERATURE DE LA PIECE PAR RETICULATION A L'HUMIDITE
- (71) GENERAL ELECTRONIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) SARGENT, Jonathan, R.; 9 Lodge Avenue, Saugus, MA 01906 (US).
- (74) WINTER, Catherine, J. et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06828 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08L 83/10, 69/00, C08K 3/38 // C08L 69/00, 83/10
- (11) WO 03/042305 (13) A1
- (21) PCT/US02/34785
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en

- (30) 10/015,049 12 Nov/nov 2001 US
(12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • FLAME RETARDANT RESINOUS COMPOSITIONS AND METHOD OF MAKING THE SAME
• COMPOSITIONS RESINEUSES IGNIFUGES ET PROCEDE DE FABRICATION AFFERENT
- (71) GENERAL ELECTRIC COMPANY (a New York Corporation) [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) MIEBACH, Thomas; 1307 Lookout Lane, Clifton Park, NY 12065 (US). CAMPBELL, John, Robert; 41 Pepper Hollow, Clifton Park, NY 12065 (US). MARUGAN, Monica, M.; Scuaepmanlaan 70, NE-4623XZ Bergen op Zoom (NL). EBELING, Thomas, Arnold; 201 Brookview Drive, Evansville, IN 47711 (US).
- (74) WINTER, Catherine, J. et al. / etc.; General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C09D 5/00, 5/20, 133/06
- (11) WO 03/042306 (13) A1
- (21) PCT/EP02/12107
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) de (26) de
- (30) 101 55 184.3 12 Nov/nov 2001 DE
(12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • EMULSION POLYMERS AS A STRIPPABLE COATING
• POLYMERES EN EMULSION UTILISES COMME REVETEMENT PE-LABLE
- (71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GERTZMANN, Rolf [DE/DE]; Karl-Jaspers-Str. 57, 51377 Leverkusen (DE). PETZOLDT, Joachim [DE/DE]; Iltisstr. 2, 40789 Monheim (DE). MÜLLER, Heino [DE/DE]; Opladener Str. 129, 51375 Leverkusen (DE). IRLE, Christoph [DE/ES]; Pau Claris 196, 08037 Barcelona (ES).
- (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 TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ C09D 5/36
- (11) WO 03/042307 (13) A2
- (21) PCT/EP02/12569
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) de (26) de
- (30) 101 55 709.4 13 Nov/nov 2001 DE
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR PRODUCING CHROMOPHORIC AND EFFECT-PRODUCING MULTILAYER COATINGS
• PROCEDE DE REALISATION DE MISES EN PEINTURE MULTICOUCHE CHROMOPHORES ET A EFFET
- (71) BASF COATINGS AG [DE/DE]; Glasurit-str. 1, 48165 Münster (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KREIS, Winfried [DE/DE]; Tapppen 28, 48163 Münster (DE). WEBER, Renate [DE/DE]; Diepenbrock Str. 31, 48145 Münster (DE). HOFFMANN, Peter [DE/DE]; Erlengrund 215, 48308 Senden (DE). OWTSCHARY, Janusch [DE/DE]; Eschkamp 32, 48301 Nottuln (DE). DUSCHEK, Wolfgang [DE/DE]; Bockhorststr. 88, 48165 Münster (DE). RÜTHER, Andreas [DE/DE]; An der Windmühle 13, 48308 Senden (DE).
- (74) FITZNER, Uwe; Lintorfer Str. 10, 40878 Ratingen (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 TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C09D 11/10, 11/08
- (11) WO 03/042308 (13) A1
- (21) PCT/US02/35912
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 60/344,569 9 Nov/nov 2001 US
(09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • LOW TACK WATER WASHABLE LITHOGRAPHIC PRINTING INKS
• ENCRES D'IMPRESSION LITHOGRAPHIQUE LAVABLES A FAIBLE CONSISTANCE
- (71) SUN CHEMICAL CORPORATION [US/US]; 222 Bridge Plaza South, For Lee, NJ 07024 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DIMOTAKIS, Emmanuel, D. [US/US]; 25 Zabrniskie Street, #7F, Hackensack, NJ 07601 (US). SMITH, Kenneth [US/US]; 15 Divito Trail, Hopatong, NJ 07843 (US). OQAWA, Makoto [JP/JP]; 35-38 Sakashita, 3-chrome, Itanbashi-ku, Tokyo 174-8520 (JP).
- (74) PERSLEY, Sidney; 222 Bridge Plaza South, Fort Lee, NJ 07024 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C09D 115/00, C08G 18/62, C08J 7/04
- (11) WO 03/042309 (13) A1
- (21) PCT/US02/35666
- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) en (26) en
- (30) 10/007,268 9 Nov/nov 2001 US
(09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ROOM TEMPERATURE CURABLE X-HNBR COATING
• REVETEMENT X-HNBR DURCIS-SABLE A TEMPERATURE AMBIANTE
- (71) LORD CORPORATION [US/US]; 111 Lord Drive, P.O. Box 8012, Cary, North Carolina 27512-8012 (US).
- (72) HALLADAY, James, R.; 1443 Troupe Road, Harborecreek, PA 16421 (US). KRAKOWSKI, Frank, J.; 5219 Castlewood Court, Erie, PA 16509 (US).
- (74) DEARTH, Miles, B. et al. / etc.; Lord Corporation, 111 Lord Drive, P.O. Box 8012, Cary, NC 27512-8012 (US).
- (81) AU BR CA CN JP KR MX.

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

Published / Publiée : (c)

(51)⁷ C09G 1/16, C08L 101/00

(11) WO 03/042310 (13) A1

(21) PCT/KR02/02134

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 2001/71152 15 Nov/nov 2001 KR (15.11.2001)

(30) 2002/23087 26 Apr/avr 2002 KR (26.04.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ADDITIVE COMPOSITION, SLURRY COMPOSITION INCLUDING THE SAME, AND METHOD OF POLISHING AN OBJECT USING THE SLURRY COMPOSITION

• COMPOSITION D'ADDITIF, COMPOSITION DE SUSPENSION EPAISSE LA COMPRENANT ET PROCEDE DE POLISSAGE D'UN OBJET FAISANT APPEL A LADITE COMPOSITION DE SUSPENSION EPAISSE

(71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-si, 442-742 Gyeonggi-do (KR).

(72) KIM, Nam-Soo; 132-804 Hwanggol-maul, Youngtong-dong, Paldal-gu, Suwon-si, 442-740 Gyeonggi-do (KR). LIM, Young-Sam; 103 Cheongsong Villa, #876-21, Bongcheon 4-dong, Gwanak-gu, 151-836 Seoul (KR). KANG, Kyoung-Moon; #457, Nambumin 2-dong, Seo-gu, 602-805 Busan-si (KR). LEE, Dong-Jun; 106-304 Hansong Apt., Suji-eup, Yongin-si, 449-768 Gyeonggi-do (KR). CHON, Sang-Mun; 110-2502 Daerim Apt., Gumi-dong, Bundang-gu, Seongnam-si, 463-703 Gyeonggi-do (KR). LEE, Sei-Cheol; Ma-5 Shiniljutak, #33-20, Guui 2-dong, Gwangjin-gu, 143-817 Seoul (KR). SO, Jae-Hyun; 306-801 Sadang Woosong Apt., #105, Sadang-dong, Dongjak-gu, 156-815 Seoul (KR).

(74) PARK, Young-Woo; 5F., Seil Building, #727-13, Yoksam-dong, Gangnam-gu, 135-921 Seoul (KR).

(81) CN JP.

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

Published / Publiée : (c)

(51)⁷ C09J 4/00, 5/02, C08K 5/34

(11) WO 03/042311 (13) A1

(21) PCT/IE02/00157

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) S2001/0987 14 Nov/nov 2001 IE (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ACTIVATOR COMPOSITIONS FOR CYANOACRYLATE ADHESIVES

• COMPOSITIONS D'ACTIVATEURS POUR ADHESIFS CYANOACRYLATE

(71) LOCTITE (R & D) LIMITED [IE/IE]; Tallaght Business Park, Whitestown, Tallaght, Dublin (IE).

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

(72, 75) RYAN, Bernard [IE/IE]; 23 Orlagh Grove, Scholarstown Road, Dublin 16 (IE). HOULIHAN, James [IE/IE]; 3 Abbeywood Way, Lucan, Co. Dublin (IE). MISIAK, Hanns [DE/IE]; 22 Cypress Avenue, Brookwood, Scholarstown Road, Dublin 16 (IE).

(74) LANE, Cathal, Michael et al. / etc.; Tomkins & Co., 5 Dartmouth Road, Dublin 6 (IE).

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

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

(51)⁷ C09J 7/00

(11) WO 03/042312 (13) A1

(21) PCT/GB02/05163

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 0127315.0 14 Nov/nov 2001 GB (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ADHESIVE TAPE

• RUBAN ADHESIF

(71) JEVTEC LIMITED [GB/GB]; Regent House, Heaton Lane, Stockport, Cheshire SK4 1BS (GB).

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

(72, 75) JEVONS, Oliver [GB/GB]; 17 Newmarket Close, Macclesfield, Cheshire SK10 2LW (GB).

(74) COLLINGWOOD, Anthony, Robert et al. / etc.; Lloyd Wise, McNeight & 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

(51)⁷ C09J 7/02

(11) WO 03/042313 (13) A1

(21) PCT/JP02/04614

(22) 13 May/mai 2002 (13.05.2002)

(25) ja (26) ja

(30) 2001-345532 12 Nov/nov 2001 JP (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ADHESIVE SHEET AND METHOD FOR PRODUCING THE SAME

• FEUILLE ADHESIVE ET PROCEDE DE PRODUCTION DE CELLE-CI

(71) CHUETSU TECH CO., LTD. [JP/JP]; 12-11, Aobadai 1-chome, Meguro-ku, Tokyo 153-0042 (JP).

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

(72, 75) IWAKAWA, Hiromu [JP/JP]; 17-3, Kamimeguro 2-chome, Meguro-ku, Tokyo 153-0051 (JP).

(74) TANAKA, Masao; 3th Floor, Ochonomizu-Earth Bldg., 15-17, Kanda-awaji-cho 1-chome, Chiyoda-ku, Tokyo 101-0063 (JP).

(81) AE AG AL AU BA BB BG BR BZ CA CN CO CR CU CZ DM DZ EC EE GE GD GR HU ID IL IN IS KP KR LC LK LR LT LV MA MG MK MN MX NO NZ PH 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 ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09J 11/02, 11/00

(11) WO 03/042314 (13) A1

(21) PCT/JP02/11947

(22) 15 Nov/nov 2002 (15.11.2002)

(25) ja (26) ja

(30) 2001-349955 15 Nov/nov 2001 JP (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PROLONGING THE POT LIFE OF TWO-PART WATER-BASED POLYCHLOROPRENE ADHESIVE

• PROCEDE DE PROLONGATION DE LA VIE EN POT D'ADHESIF POLYCHLOROPRENE AQUEUX EN DEUX PARTIES

(71) DENKI KAGAKU KOGYO KABUSHIKI KAISHA [JP/JP]; 4-1, Yuraku-cho 1-chome, Chiyoda-ku, Tokyo 100-8455 (JP).

(72) WATANABE, Kosuke; c/o Denki Kagaku Kogyo Kabushiki Kaisha, Oumi Kojo, 2209, Oaza-oumi, Oumi-machi, Nishi-kubiki-gun, Niigata 949-0305 (JP). MOCHIZUKI, Kenji; c/o Denki Kagaku Kogyo Kabushiki Kaisha, Oumi Kojo, 2209, Oaza-oumi, Oumi-machi, Nishi-kubiki-gun, Niigata 949-0305 (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C09J 11/04, C08K 9/04
(11) WO 03/042315 (13) A1
(21) PCT/EP02/12610
(22) 12 Nov/nov 2002 (12.11.2002)
(25) de (26) de
(30) 101 55 614.4 13 Nov/nov 2001 DE (13.11.2001)
(30) 102 10 661.4 12 Mar/mar 2002 DE (12.03.2002)
(43) 22 May/mai 2003 (22.05.2003)
(54) • CURABLE BONDED ASSEMBLIES CAPABLE OF BEING DISSOCIATED
• ASSEMBLAGES COLLES DURCISABLES ET DISSOCIABLES
- (71) DEGUSSA AG [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE). 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) KOLBE, Jana [DE/DE]; Hemmstrasse 359, 28215 Bremen (DE). KOWALIK, Thomas [DE/DE]; Fleetrade15b, 28207 Bremen (DE). POPP, Matthias [DE/DE]; Arensburgstrasse 55, 28211 Bremen (DE). SEBALD, Monika [DE/DE]; Anna-Wegener-Weg 38, 28357 Bremen (DE). SCHORSCH, Oliver [DE/DE]; Ederweg 15, 28205 Bremen (DE). HEBERER, Stefan [DE/DE]; Wiesenbornstrasse 3, 63571 Gelnhausen (DE). PRIDÖHL, Markus [DE/DE]; Torsbyvägen 25, 63538 Grosskrotzenburg (DE). ZIMMERMANN, Guido [DE/DE]; Castellstrasse 19a, 63454 Hanau (DE). HARTWIG, Andreas [DE/DE]; Beekstrasse 10d, 27721 Ritterhude (DE). BORN, Erwin [DE/DE]; Döhlandamm 3, 28359 Bremen (DE).
- (74) DEGUSSA AG; Intellectual Property Management, Patente und Marken, Standort Hanau, Postfach 13 45, 63403 Hanau (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ C09J 163/00, C08G 59/54
(11) WO 03/042316 (13) A1
(21) PCT/US02/36449
(22) 13 Nov/nov 2002 (13.11.2002)
(25) en (26) en
(30) 10/008,771 13 Nov/nov 2001 US (13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • LOW READ-THROUGH EPOXY-BONDED SMC
• MELANGE A MOULER EN FEUILLE FAIBLE TRANSPARENCE ET A LIAISON PAR RESINE EPOXY
- (71) LORD CORPORATION [US/US]; 111 Lord Drive, PO Box 8012, Cary, North Carolina 27512-8012 (US).
- (72) DAMICO, Dennis, J.; 4878 Old Sterrettania, Erie, PA 16506 (US). PUGNE, David, R.; 2986 Poplar Street, Erie, PA 16508 (US).
- (74) DEARTH, Miles, B.; Lord Corporation, 111 Lord Drive, PO Box 8012, Cary, NC 27512-8012 (US).
- (81) BR CA CN CZ KP KR MX.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ C09J 165/00, 123/08 // (C09J 123/08, 165/00)
(11) WO 03/042317 (13) A1
(21) PCT/US02/35849
(22) 7 Nov/nov 2002 (07.11.2002)
(25) en (26) en
(30) 10/053,497 9 Nov/nov 2001 US (09.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • ADHESIVE FOR DIFFICULT TO BOND SUBSTRATES
• ADHESIF POUR DES SUBSTRATS DIFFICILES A LIER
- (71) NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION [US/US]; 1000 Uniqema Boulevard, New Castle, DE 19720 (US).
- (72) DROGOU, Cecile; 40, Lammas Park Road, London W5 5 JB (GB). PASQUIER, Thierry; 12, Allée des Coteaux du Soleil, F-01600 Misericieux (FR). SUNDE, Line; 14, Wrecclesham Road, Farnham, Surrey GU9 8TZ (GB). FONTANEL, Aurélie; 1, Rue Papier, F-01090 Montmerle sur Saone (FR).
- (74) FOULKE, Cynthia, L. et al. / etc.; National Starch and Chemical Company, P.O. Box 6500, Bridgewater, NJ 08807 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR 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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C09J 201/00, 11/06, 7/00
(11) WO 03/042318 (13) A1
(21) PCT/JP02/11919
(22) 15 Nov/nov 2002 (15.11.2002)
(25) ja (26) ja
(30) 2001-350860 15 Nov/nov 2001 JP (15.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • ADHESIVE MATERIAL, METHOD FOR UNSTICKING ADHESIVE MATERIAL AND BOUND STRUCTURE
• MATERIAU ADHESIF, PROCEDE DE DECOLLEMENT DE MATERIAU ADHESIF ET STRUCTURE LIEE
- (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) FUKUOKA, Masateru [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamotocho, Mishima-gun, Osaka 618-8589 (JP). HATAI, Munehiro [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamotocho, Mishima-gun, Osaka 618-8589 (JP). OYAMA, Yasuhiko [JP/JP]; c/o Sekisui Chemical Co., Ltd., 4-4, Nishitenma 2-chome, Kita-ku, Osaka-shi, Osaka 530-8565 (JP). DANJO, Shigeru [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamotocho, Mishima-gun, Osaka 618-8589 (JP). HAYASHI, Satoshi [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamotocho, Mishima-gun, Osaka 618-8589 (JP). SHIMOMURA, Kazuhiro [JP/JP]; c/o Sekisui Chemical Co., Ltd., 3535, Oaza Kurohama, Hasuda-shi, Saitama 349-0198 (JP). HASEGAWA, Tsuyoshi [JP/JP]; c/o Sekisui Chemical Co., Ltd., 3535, Oaza Kurohama, Hasuda-shi, Saitama 349-0198 (JP).
- (74) YASUTOMI, Yasuo; 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 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ C09J 201/00, 11/06, 7/00
(11) WO 03/042319 (13) A1
(21) PCT/JP02/05409
(22) 3 Jun/juin 2002 (03.06.2002)
(25) ja (26) ja
(30) 2001-350859 15 Nov/nov 2001 JP (15.11.2001)

- (30) 2001-370761 **4 Dec/déc 2001** JP
(04.12.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ADHESIVE MATERIAL, METHOD FOR PEELING ADHESIVE MATERIAL, AND PRESSURE-SENSITIVE ADHESIVE TAPE
• MATERIAU ADHESIF, PROCÉDE POUR DETACHER UN MATERIAU ADHESIF ET RUBAN ADHESIF AUTOCOLLANT
- (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) HATAI, Munehiro [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamotocho, Mishima-gun, Osaka 618-8589 (JP). FUKUOKA, Masateru [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamotocho, Mishima-gun, Osaka 618-8589 (JP). HAYASHI, Satoshi [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamotocho, Mishima-gun, Osaka 618-8589 (JP). DANJO, Shigeru [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamotocho, Mishima-gun, Osaka 618-8589 (JP). OYAMA, Yasuhiko [JP/JP]; c/o Sekisui Chemical Co., Ltd., 4-4, Nishitenma 2-chome, Kita-ku, Osaka-shi, Osaka 530-8565 (JP). SHIMOMURA, Kazuhiro [JP/JP]; c/o Sekisui Chemical Co., Ltd., 3535, Oaza Kurohama, Hasuda-shi, Saitama 349-0198 (JP). HASEGAWA, Tsuyoshi [JP/JP]; c/o Sekisui Chemical Co., Ltd., 3535, Oaza Kurohama, Hasuda-shi, Saitama 349-0198 (JP).
- (74) YASUTOMI, Yasuo; 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 3/00, H01L 31/04, H01M 14/00, C09K 11/06
- (11) WO 03/042320 (13) A1
- (21) PCT/JP02/11731
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) ja (26) ja
- (30) 2001/347286 **13 Nov/nov 2001** JP
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • LIGHT ABSORPTIVE COMPOSITION
• COMPOSITION ABSORBANTE DE LUMIERE
- (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) OHTAKA, Hideo [JP/JP]; c/o Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo, 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP). MITEKURA, Hirofumi [JP/JP]; c/o Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo, 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP). YANO, Kentaro [JP/JP]; c/o Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo, 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP). MATSUI, Fumio [JP/JP]; c/o Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo, 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP).
- (81) KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ C09K 3/14, C01F 17/00, B24B 37/00, H01L 21/304
- (11) WO 03/042321 (13) A1
- (21) PCT/JP02/11925
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) 2001-350968 **16 Nov/nov 2001** JP
(16.11.2001)
- (30) 60/331,614 **20 Nov/nov 2001** US
(20.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CERIUM-BASED POLISH AND CERIUM-BASED POLISH SLURRY
• PRODUIT A POLIR A BASE DE CERIUM ET BOUE DE POLISSAGE A BASE DE CERIUM
- (71) SHOWA DENKO K.K. [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BESSHO, Naoki [JP/JP]; c/o Tohoku Kinzoku Kagaku K.K., 10, Aza Gechiuchi, Tairanakabeya, Iwaki-shi, Fukushima 970-8021 (JP).
- (74) FUKUDA, Kenzo et al. / etc.; Kashiwaya Bldg. 2F, 6-13, Nishishinbashi 1-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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C09K 3/14, C09G 1/02
- (11) WO 03/042322 (13) A1
- (21) PCT/US01/43049
- (22) 9 Nov/nov 2001 (09.11.2001)
- (25) en (26) en
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ABRASIVE MEDIA AND AQUEOUS SLURRIES
• MILIEUX ABRASIFS ET SUSPENSIONS AQUEUSES
- (71) SILBOND CORPORATION [US/US]; 9901 Sand Creek Highway, Weston, MI 49289 (US).
- (74) DOUGHERTY, David, E.; Dennison, Schultz & Dougherty, 612 Crystal Square 4, 1745 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 3/18
- (11) WO 03/042323 (13) A1
- (21) PCT/CN01/01627
- (22) 14 Dec/déc 2001 (14.12.2001)
- (25) zh (26) zh
- (30) 01 1 34794.5 **13 Nov/nov 2001** CN
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SNOW-MELTING AND ANTIFREEZING AGENT AND A METHOD FOR PRODUCE THE AGENT
• AGENT DE FONTE DE LA NEIGE ET ANTIGEL ET PROCÉDE DE PRODUCTION DE L'AGENT
- (71) TIANJINSHI CHANGLUPRECISE-BIOCHE MISTRY CO., LTD. [CN/CN]; No.3, Henan Road, Tanggu District, 300455 Tianjin (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAN, Mingkui [CN/CN]; No.3, Henan Road, Tanggu District, 300455 Tianjin (CN).
- (74) LUNG TIN INT'L PATENT & TRADE-MARK AGENT LTD.; Tower B, 18th Floor, 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 CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK 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 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)
(u) for / pour US only / seulement

(51)⁷ C09K 7/06

(11) WO 03/042324 (13) A1

(21) PCT/US02/36694

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 09/987,047 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • EMULSIFIER FOR OIL-BASED
DRILLING FLUIDS
• EMULSIFIANT POUR FLUIDES DE
FORAGE A BASE D'HUILE

(71) AKZO NOBEL INDUSTRIAL SPECIAL-
TIES INC. [US/US]; 300 South Riverside
Plaza, Chicago, IL 60606-6697 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HOU, Peter, Wangqi [CN/US]; 5660
Sheehan Court, Dublin, OH 43016 (US).
ZHU, Yun-Peng [CN/US]; 45 River Road,
Edgewater, NJ 07020 (US). FEUER-
BACHER, David, G. [US/US]; 1184 Laurel
Drive, Westerville, OH 43081 (US).

(74) MANCINI, Ralph, J.; Akzo Nobel Inc., In-
tellectual Property Department, 7 Livingstone
Avenue, Dobbs Ferry, NY 10522-3408 (US).

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

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

Published / Publiée : (c)

(51)⁷ C09K 11/06, H05B 33/14, H01L 33/00

(11) WO 03/042325 (13) A1

(21) PCT/JP02/11748

(22) 11 Nov/nov 2002 (11.11.2002)

(25) ja (26) ja

(30) 2001-350723 15 Nov/nov 2001 JP
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • OPTICAL FUNCTIONAL MATERIAL
EMPLOYING RARE EARTH COM-
PLEX AND LIGHT EMITTING DEVICE
• MATERIAU FONCTIONNEL OPTIQUE
UTILISANT DES COMPLEXES DES

TERRES RARES ET DISPOSITIF
EMETTEUR DE LUMIERE

(71) KANSAI TECHNOLOGY LICENSING
ORGANIZATION CO., LTD. [JP/JP];
93, Chudoji Awata-cho, Shimogyo-ku, Ky-
oto-shi, Kyoto 600-8815 (JP).

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

(72, 75) HASEGAWA, Yasuchika [JP/JP];
3-2-22-102, Shibahara-cho, Toyonaka-shi,
Osaka 560-0055 (JP). YANAGIDA, Shozo
[JP/JP]; 2-10-13, Uguisudai, Kawanishi-shi,
Hyogo 666-0133 (JP). WADA, Yuji [JP/JP];
2-2-6-643, Nishimidorigaoka, Toyonaka-shi,
Osaka 560-0005 (JP). SHIMADA, Junichi
[JP/JP]; 31-3, Koyama Nakanokawa-cho, Ya-
mashina-ku, Kyoto-shi, Kyoto 607-8112 (JP).
KAWAKAMI, Yoichi [JP/JP]; 665-6, Shimo-
gasa-cho, Kusatsu-shi, Shiga 525-0029 (JP).
FUJITA, Shigeo [JP/JP]; 47-35, Shimazu,
Momoyama-cho, Fushimi-ku, Kyoto-shi,
Kyoto 612-0854 (JP).

(74) KOBAYASI, Ryohei; KOBAYASI PATENT
& TRADEMARK, 7th Floor, Hougenshi-
jokarasuma Building, 37, Motoakuoji-cho,
Higashinotouindori Shijo Sagaru, Shimo-
gyo-ku (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
SC SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C09K 11/07, F21K 2/06, B65D 65/46,
C08L 3/00, C08K 5/00

(11) WO 03/042326 (13) A1

(21) PCT/US02/36688

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 10/010,075 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PROCEDE PAR CHIMILUMINES-
CENCE ET PRODUIT CHIMILUMI-
NESCENT DEGRADABLE
• DEGRADABLE CHEMILUMINES-
CENT PROCESS AND PRODUCT

(71) OMNIGLOW CORPORATION [US/US];
96 Windsor Street, West Springfield, MA
01089 (US).

(72) CRANOR, Earl; 24 Lincoln Park, Long-
meadow, MA 01106 (US).

(74) SLAVIN, Michael, A.; MCHale & Slavin,
P.A., 4440 PGA Boulevard, Suite 402, 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ C09K 11/55, 11/56

(11) WO 03/042327 (13) A1

(21) PCT/US02/33638

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/332,979 14 Nov/nov 2001 US
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • RED PHOTOLUMINESCENT PHOS-
PHORS
• PHOSPHORES PHOTOLUMINES-
CENTS ROUGES

(71) SARNOFF CORPORATION [US/US];
201 Washington Road, Princeton, NJ 08540
(US).

(72) TIAN, Yongchi; 3 Heath Court, Princeton,
NJ 08540 (US). ZAREMBA, Diane; 244
Wyandotte Road, Fairless Hills, PA 19030
(US). HILL, Ian, Gregory; 206 Wilson
Avenue, Hightstown, NJ 08520 (US).

(74) MORRIS, Birgit, E.; 16 Indian Head Road,
Morristown, NJ 07960 (US).

(81) CN JP.

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

(51)⁷ C09K 19/00

(11) WO 03/042328 (13) A1

(21) PCT/KR02/02101

(22) 11 Nov/nov 2002 (11.11.2002)

(25) ko (26) en

(30) 2001/70018 12 Nov/nov 2001 KR
(12.11.2001)(30) 2001/70019 12 Nov/nov 2001 KR
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • TRIAZINE RING BASED POLYMERS
FOR PHOTOINDUCED LIQUID CRYSTAL
ALIGNMENT, LIQUID CRYSTAL
ALIGNMENT LAYER CONTAINING
THE SAME, LIQUID CRYSTAL EL-
EMENT USING THE ALIGNMENT
LAYER AND METHOD OF MANU-
FACTURING THE SAME

• POLYMERES A CYCLE TRIAZINE
POUR L'ALIGNEMENT DE CRISTAUX
LIQUIDES PHOTO-INDUIT, COUCHE
D'ALIGNEMENT DE CRISTAUX LI-
QUIDES LES CONTENANT, ELEMENT
DE CRISTAUX LIQUIDES UTILISANT
LA COUCHE D'ALIGNEMENT ET
PROCEDE DE FABRICATION ASSO-
CIE

(71) LG CABLE LTD. [KR/KR]; 20,
Yoido-dong, Youngdungpo-gu, 150-721
Seoul (KR).

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

(72, 75) SHIN, Dong-Cheon [KR/KR]; 616-503,
Jungheung-maeul, Jung 3-dong, Wonmi-gu,

- 420-023 Bucheon-si, Gyeonggi-do (KR). KIM, Jin-Yool [KR/KR]; 59-12 Jung-gok 4-dong, Gwangjin-gu, 143-224 Seoul (KR). PARK, Kyu-Soon [KR/KR]; 134-11 Bokdae-dong, Heungdeok-gu, 361-270 Cheongju-si, Chungcheongbuk-do (KR). KIM, Tae-Min [KR/KR]; 242-605 ShinGan APT., Jeongja 2-dong, Jangan-gu, 440-302 Suwon-si, Gyeonggi-do (KR).
- (74) CHOI, Yong-Won et al. / etc.; Byuckcheon B/D. 4F., 1597-5, Seocho-dong, Seocho-gu, Seoul 137-876 (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C09K 21/12, D06M 11/82, 13/288, C07F 9/28
- (11) WO 03/042329 (13) A1
- (21) PCT/EP02/12602
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 01127098.0 15 Nov/nov 2001 EP (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • FLAME-RETARDANT COMPOSITIONS OF METHANEPHOSPHONIC ACID, BORIC ACID AND AN ORGANIC BASE
- COMPOSITIONS IGNIFUGEANTES CONSTITUEES D'ACIDE METHANEPHOSPHONIQUE, D'ACIDE BORIQUE ET D'UNE BASE ORGANIQUE
- (71) CIBA SPEZIALITÄTENCHEMIE PFERSEE GMBH [DE/DE]; Rehlinger Strasse 1, 86462 Langweid a. Lech (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) DERMEIK, Salman [DE/DE]; Max-Pechstein-Strasse 36, 86157 Augsburg (DE). BRAUN, Reinhold [DE/DE]; Leuthau 15a, 86830 Schwabmünchen (DE). LEMMER, Karl-Heinz [DE/DE]; Bärenstrasse 17, 86156 Augsburg (DE).
- (74) CIBA SPEZIALITÄTENCHEMIE PFERSEE GMBH; Patents, Trademarks & Support, Rehlinger Strasse 1, 86462 Langweid a. Lech (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C10B 33/00, F27B 1/21
- (11) WO 03/042330 (13) A1
- (21) PCT/US02/33621
- (22) 6 Nov/nov 2002 (06.11.2002)
- (25) en (26) en
- (30) 60/331,156 9 Nov/nov 2001 US (09.11.2001)
- (30) 10/160,523 31 May/mai 2002 US (31.05.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • COKE DRUM DISCHARGE SYSTEM
- SYSTEME DE DECHARGEMENT POUR TAMBOUR A COKE
- (71) FOSTER WHEELER USA CORPORATION [US/US]; Perryville Corporate Park, Clinton, NJ 08809-4000 (US).
- (72) MALSBURY, Allen, S.; 161 Atlantic Drive, Parsippany, NJ 07054 (US).
- (74) WARNER, Steven, E. et al. / etc.; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112-3801 (US).
- (81) BR CA CN CO ES GB IN JP KR MX RO TM.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (a)
-
- (51)⁷ C10G
- (11) WO 03/042331 (13) A2
- (21) PCT/US02/36160
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 09/993,526 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • BIODESULFURIZATION OF HYDROCARBONS
- BIODESULFURATION D'HYDROCARBURES
- (71) MARATHON OIL COMPANY [US/US]; 5555 San Felipe, Houston, TX 77056 (US).
- (72) PLUMMER, Mark, A.; 7780 South Dexter Court, Littleton, CO 80122 (US).
- (74) EBEL, Jack, E.; 11735 Applewood Knolls Drive, Lakewood, CO 80215 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C10G 45/02, 49/22
- (11) WO 03/042332 (13) A1
- (21) PCT/FR02/03051
- (22) 9 Sep/sep 2002 (09.09.2002)
- (25) fr (26) fr
- (30) 01/13151 12 Oct/oct 2001 FR (12.10.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • HYDRODESULFURISATION METHOD COMPRISING A STRIPPING SECTION AND A VACUUM FRACTIONATION SECTION
- PROCEDE D'HYDRODESULFURATION COMPRENANT UNE SECTION DE STRIPAGE ET UNE SECTION DE FRACTIONNEMENT SOUS VIDE
- (71) INSTITUT FRANÇAIS DU PETROLE [FR/FR]; 1 et 4, avenue Bois Préau, F-92852 Rueil-Malmaison Cedex (FR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GALEAZZI, Renaud [FR/FR]; 90, boulevard Murat, F-75016 Paris (FR). DUNET, Alain [FR/FR]; 17, avenue Nationale, F-91300 Massy (FR).
- (74) ELMALEH, Alfred; Institut Français du Pétrole, 1 et 4, avenue Bois Préau, F-92852 Rueil-Malmaison 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C10G 49/00
- (11) WO 03/042333 (13) A1
- (21) PCT/EP02/12856
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) 01309668.0 16 Nov/nov 2001 EP (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • COUNTERCURRENT HYDROPROCESSING
- HYDROCRAQUAGE A CONTRE COURANT
- (71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ROOVERS, Antonius, Adrianus, Maria [NL/NL]; Badhuisweg 3, NL-1031 CM 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ C10J 3/20

(11) WO 03/042334 (13) A1

(21) PCT/US02/36369

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 60/348,508 12 Nov/nov 2001 US
(12.11.2001)

(30) 60/335,450 4 Dec/déc 2001 US
(04.12.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PULVERIZED COAL PRESSURIZED
GASIFIER SYSTEM
• SYSTEME GAZEIFIEUR PRESSURISE
A CHARBON PULVERISE

(71, 72) WEAVER, Lloyd [US/US]; 22 Oakhurst
Island Road, Harpswell, ME 04079 (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 CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C10L

(11) WO 03/042335 (13) A2

(21) PCT/EP02/12371

(22) 6 Nov/nov 2002 (06.11.2002)

(25) de (26) de

(30) 101 56 024.9 15 Nov/nov 2001 DE
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ADDITIVES FOR LOW-SULFUR FU-
ELS
• ADDITIF POUR CARBURANT A
FAIBLE TENEUR EN SOUFRE

(71) COGNIS DEUTSCHLAND GMBH &
CO. KG [DE/DE]; Henkelstr. 67, D-40589
Düsseldorf (DE).

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

(72, 75) BONGARDT, Frank [DE/DE]; Hins-
becker Weg 9, D-40670 Meerbusch (DE).
RÖDER, Jürgen [DE/DE]; Einsteinstrasse
6, D-40589 Düsseldorf (DE).

(81) CA JP US.

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

Declaration / Déclaration :

(t) for the following designations / pour les
désignations suivantes : CA JP EP (AT BE BG
CH CY CZ DE DK EE ES FI FR GB GR IE IT LU
MC NL PT SE SK TR)

(51)⁷ C10L 1/14

(11) WO 03/042336 (13) A2

(21) PCT/EP02/12232

(22) 2 Nov/nov 2002 (02.11.2002)

(25) de (26) de

(30) 101 55 774.4 14 Nov/nov 2001 DE
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ADDITIVES FOR LOW-SULPHUR
MINERAL OIL DISTILLATES, CON-
TAINING AN ESTER OF AN ALKOXY-
LATED POLYOL AND A POLAR NI-
TROGENOUS PARAFFIN DISPER-
SANT

• ADDITIFS POUR DISTILLATS
D'HUILE MINERALE A BASSE TE-
NEUR EN SOUFRE, CONTENANT UN
ESTER D'UN POLYOL ALCOXYLE
ET UN DISPERSANT PARAFFINIQUE
POLAIRE AZOTE

(71) CLARIANT GMBH [DE/DE]; Brün-
ingstrasse 50, 65929 Frankfurt am Main
(DE).

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

(72, 75) KRULL, Matthias [DE/DE]; Elsen-
bruch 3b, 46147 Oberhausen (DE). HESS,
Martina [DE/DE]; Siepmanns Hof 25, 45479
Mülheim a. d. Ruhr (DE).

(74) MIKULECKY, Klaus; Clariant Service
GmbH, Patente, Marken, Lizenzen, Am
Unisys-Park 1, 65843 Sulzbach (DE).

(81) JP KR US.

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

(51)⁷ C10L 1/18

(11) WO 03/042337 (13) A2

(21) PCT/EP02/12233

(22) 2 Nov/nov 2002 (02.11.2002)

(25) de (26) de

(30) 101 55 748.5 14 Nov/nov 2001 DE
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • LOW-SULPHUR MINERAL OIL DIS-
TILLATES WITH IMPROVED COLD
PROPERTIES, CONTAINING AN ES-
TER OF AN ALKOXYLATED POLYOL
AND A COPOLYMER OF ETHYLENE
AND UNSATURATED ESTERS

• DISTILLATS D'HUILE MINERALE
A BASSE TENEUR EN SOUFRE A
PROPRIETES A FROID AMELIOREES,
CONTENANT UN ESTER D'UN PO-
LYOL ALCOXYLE ET UN COPOLY-
MERE D'ETHYLENE ET D'ESTERS
INSATURES

(71) CLARIANT GMBH [DE/DE]; Brün-
ingstrasse 50, 65929 Frankfurt am Main
(DE).

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

(72, 75) KRULL, Matthias [DE/DE]; Elsen-
bruch 3b, 46147 Oberhausen (DE). HESS,
Martina [DE/DE]; Siepmanns Hof 25, 45479
Mülheim a. d. Ruhr (DE).

(74) MIKULECKY, Klaus; Clariant Service
GmbH, Patente, Marken, Lizenzen, Am
Unisys-Park 1, 65843 Sulzbach (DE).

(81) JP KR US.

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

(51)⁷ C10L 1/18

(11) WO 03/042338 (13) A2

(21) PCT/EP02/12235

(22) 2 Nov/nov 2002 (02.11.2002)

(25) de (26) de

(30) 101 55 747.7 14 Nov/nov 2001 DE
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ADDITIVES FOR SULFUR-POOR
MINERAL OIL DISTILLATES COM-
PRISING AN ESTER OF AN ALKOXY-
LATED POLYOL AND AN ALKYL-PHE-
NOL-ALDEHYDE RESIN

• ADDITIFS POUR DISTILLATS DE
PETROLE PAUVRES EN SOUFRE,
CONTENANT UN ESTER D'UN PO-
LYOL ALCOXYLE ET UNE RESINE
ALDEHYDE ALKYLE PHENOL

(71) CLARIANT GMBH [DE/DE]; Brün-
ingstrasse 50, 65929 Frankfurt am Main
(DE).

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

(72, 75) KRULL, Matthias [DE/DE]; Elsen-
bruch 3b, 46147 Oberhausen (DE). HESS,
Martina [DE/DE]; Siepmanns Hof 25, 45479
Mülheim a. d. Ruhr (DE).

(74) MIKULECKY, Klaus; Clariant Service
GmbH, Patente, Marken, Lizenzen, Am
Unisys-Park 1, 65843 Sulzbach (DE).

(81) JP KR US.

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

(51)⁷ C10L 3/12, C10G 29/16

(11) WO 03/042339 (13) A1

(21) PCT/CN02/00806

(22) 12 Nov/nov 2002 (12.11.2002)

(25) zh (26) zh

(30) 01134688.4 13 Nov/nov 2001 CN
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PROCESS FOR COMMERCIAL-SCALE
REFINING LIQUEFIED PETROLEUM
GAS

• PROCEDE DE RAFFINAGE A
ECHELLE COMMERCIALE DE GAZ
DE PETROLE LIQUEFIE

(71) BEIJING SJ ENVIRONMENTAL PRO-
TECTION AND NEW MATERIAL
CO.,LTD. [CN/CN]; No.4 Huayuan Road,
Shilong Industrial Park, Mentougou District,
Beijing 102308 (CN).

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

(72, 75) **WU, Qing** [CN/CN]; No.8, 9 F, 1 Tower, 2nd zone, Huixinxili, Chaoyang District, Beijing 100029 (CN). **LIU, Zhenyi** [CN/CN]; No.8, 9 F, 1 Tower, 2nd zone, Huixinxili, Chaoyang District, Beijing 100029 (CN).

(74) **LUNG TIN INTERNATIONAL PATENT & TRADEMARK AGENT LTD.**; 18th Floor, Tower B, Grand Place, No.5 Hizhong Road, Chaoyang District, Beijing 100101 (CN).

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

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

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C10M 107/34

(11) WO 03/042340 (13) A1

(21) PCT/US01/43996

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • A CUTTING AND LUBRICATING COMPOSITION FOR USE WITH A WIRE CUTTING APPARATUS

• ELEMENTS COUPANTS ET LUBRIFIANTS POUR CABLE DE SCIAGE

(71) **PPT RESEARCH, INC.** [US/US]; 515 Business Park Lane, Allentown Business Park, Allentown, PA 18103 (US).

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

(72, 75) **WARD, Irl, R.** [US/US]; 1493 Amherst Court, Bethlehem, PA 18015 (US). **HELLER, Amy, Ann** [US/US]; 4781 Hoffmansville Road, Orefield, PA 18069 (US). **FRENCH, Danielle, Anne** [US/US]; 736 Keystone Ave., Bethlehem, PA 18018 (US). **BROADWAY, Susan, Jane** [US/US]; 698 Briarstone Road, Bethlehem, PA 18017 (US).

(74) **LEZDEY, John**; 1409 North Fort Harrison, Suite A, Clearwater, FL 33755 (US).

(81) 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 C10M 135/00

(11) WO 03/042341 (13) A2

(21) PCT/US02/35363

(22) 5 Nov/nov 2002 (05.11.2002)

(25) en (26) en

(30) 09/993,063 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • LUBRICATING COMPOSITIONS AND CONCENTRATES CONTAINING AN ANTIWEAR AMOUNT OF A THIADIAZOLE

• PREPARATIONS LUBRIFIANTES ET CONCENTRES CONTENANT UNE DOSE ANTI-USURE DE THIADIAZOLE

(71) **THE LUBRIZOL CORPORATION** [US/US]; 29400 Lakeland Boulevard, Wickliffe, OH 44092-2298 (US).

(72) **O'CONNOR, Brian M.**; 988 Carlone Place, South Euclid, OH 44121 (US). **RAGUZ GALIC, Mary**; 7433 Ford Drive, Mentor, OH 44060 (US).

(74) **GILBERT, Teresan W.**; **ESPOSITO, Michael F.**; **LAFERTY, David M.**; The Lubrizol Corporation, Patent Dept.-Drop 022B, 29400 Lakeland Boulevard, Wickliffe, OH 44092-2298 (US).

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

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

(51)⁷ C10M 173/00

(11) WO 03/042342 (13) A2

(21) PCT/FR02/03847

(22) 8 Nov/nov 2002 (08.11.2002)

(25) fr (26) fr

(30) 01/14787 15 Nov/nov 2001 FR (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR WORKING OR FORMING METALS IN THE PRESENCE OF AQUEOUS LUBRICANTS BASED ON METHANESULFONIC ACID

• PROCEDE DE TRAVAIL OU MISE EN FORME DES METAUX EN PRESENCE DE LUBRIFIANTS AQUEUX A BASE D'ACIDE METHANESULFONIQUE (AMS)

(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) **DARVAUX-HUBERT, Gilles** [FR/FR]; 14 bis, rue Chevalier, F-95130 Franconville (FR). **DOMINGUES DOS SANTOS, Fabrice** [FR/FR]; 9, rue d'Ivry, F-69004 Lyon (FR). **GUILLEMET, François** [FR/FR]; 22, rue des quatres fils, F-75003 Paris (FR).

(74) **GRANET, Pierre**; ATOFINA-Département Propriété Industrielle, 4-8, cours Michelet - La Défense 10, F-92091 Paris La Défense 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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 TN 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ C11C 3/00, C10L 1/00

(11) WO 03/042343 (13) A1

(21) PCT/AT02/00319

(22) 15 Nov/nov 2002 (15.11.2002)

(25) de (26) de

(30) A 1805/2001 16 Nov/nov 2001 AT (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ESTERIFICATION OF FATTY ACIDS IN OIL

• ESTERIFICATION D'ACIDES GRAS DANS DES HUILES

(71, 72) **GAPES, Richard, J.** [AT/AT]; Molardgasse 29/10, A-1060 Wien (AT). **BAUMGARTNER, Hans** [AT/AT]; Eroicagasse 22, A-1190 Wien (AT).

(72) **NIMCEVIC, Dragan** (deceased / décédé).

(74) **BARGER, Werner et al.** / etc.; Mahlerstrasse 9, 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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ C11D

(11) WO 03/042344 (13) A2

(21) PCT/US02/36251

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 60/338,249 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • APO2 LIGAND/TRAIL FORMULATIONS

- FORMULATIONS TRAIL/LIGAND APO2
- (71) GENENTECH, INC. [US/US]; 1 DNA Way, SOUTH SAN FRANCISCO, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FLORES, Heather [US/US]; 2194 Bright Place, Hayward, CA 94541 (US). LIN, Tanya, P. [US/US]; 1737 Solano Ave. #305, Berkeley, CA 94707 (US). PAI, Roger [US/US]; 14153 Liddicoat Drive, Los Altos, CA 94022 (US). MATTHEWS, Timothy, C. [US/US]; 225A Richmond Drive, Millbrae, CA 94030 (US). SHAHROKH, Zahra [US/US]; 5 Terrace Road, Weston, MA 02493 (US).
- (74) MARSCHANG, Diane, L.; c/o GENENTECH, INC., MS 49, 1 DNA Way, South San Francisco, CA 94080-4990 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C11D
- (11) WO 03/042345 (13) A2
- (21) PCT/US02/36503
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 09/992,997 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • FLOOR CLEANING WIPE
• CHIFFON DE NETTOYAGE DE SOL
- (71) COLGATE-PALMOLIVE COMPANY [US/US]; 300 Park Avenue, New York, NY 10022 (US).
- (72) JULEMONT, Jean; Fontaine Au Biez, 76, B-4802 Verviers (BE).
- (74) NANFELDT, Richard, E.; 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 OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C11D 17/00, 17/04, 3/37
- (11) WO 03/042347 (13) A1
- (21) PCT/US02/36586
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (t) for all designations / pour toutes les désignations*
-
- (51)⁷ C11D 17/00, 10/04, 9/30, 9/40, 3/38
- (11) WO 03/042346 (13) A1
- (21) PCT/EP02/11896
- (22) 23 Oct/oct 2002 (23.10.2002)
- (25) en (26) en
- (30) 10/003,556 15 Nov/nov 2001 US (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • TOILET BARS CONTAINING SENSORY MODIFIERS
• SAVON CONTENANT DES MODIFICATEURS SENSORIELS
- (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 IN KE LC LK LS MN MW NZ OM SD SG SL SZ TT TZ UG VC ZA ZM ZW)
- (71) UNILEVER NV [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf AE AG AU BB BZ CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ OM SD SG SL SZ TT TZ UG VC ZA ZM ZW)
- (71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Mumbai 400 020, Maharashtra (IN).
(only for / seulement pour IN)
- (72) PUVVADA, Sudhakar; Unilever Home & Personal Care USA, 40 Merritt Boulevard, Trumbull, CT 06611 (US). CLARKE, Michael, Gerard; Unilever Home & Personal Care USA, 40 Merritt Boulevard, Trumbull, CT 06611 (US).
- (74) MULDER, Cornelis, Willem, Reinier et al. / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (30) 0127281.4 14 Nov/nov 2001 GB (14.11.2001)
- (30) 0204700.9 28 Feb/fév 2002 GB (28.02.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • AUTOMATIC DISHWASHING COMPOSITION IN UNIT DOSE FORM COMPRISING AN ANTI-SCALING POLYMER
• COMPOSITION POUR LAVE-VAISSELLE AUTOMATIQUE SOUS FORME DE DOSE UNITAIRE COMPRENANT UN POLYMERE ANTI-TARTRE
- (71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) KAPUR, Neha; 33 Buston Terrace, Jesmond, Surrey NE2 2JL (GB). BROOKER, Anju, Deepali, Massey; 3 Flaxby Close, Gosforth, Surrey NE3 5LP (GB). KINLOCH, James, Iain; 21 Horton Drive, Hartford Lea, Crumlington, Northumberland NE23 3QS (GB). MAIN, Alison, Lesley; 12 St. Pauls Gardens, Whitley Bay, Tyne and Wear NE25 8RG (GB).
- (74) REED, T., David et al. / etc.; The Procter & Gamble Company, 6110 Center Hill Rd., Cincinnati, OH 45224 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

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

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

(51)⁷ C11D 17/04, 1/83, 3/37

(11) WO 03/042348 (13) A1

(21) PCT/US02/36189

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 10/008,994 13 Nov/nov 2001 US (13.11.2001)

(30) 10/292,283 12 Nov/nov 2002 US (12.11.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DISHWASHING CLEANING WIPES
• CHIFFONS DE NETTOYAGE POUR LAVER LA VAISSELLE

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

(72) SUAZON, Lamberta; 289 Delaney Drive, Ajax, Ontario L1T-3S7 (CA). BARRY, Dawne; 483 Elm Road, Stouffville, Ontario L4A-2S3 (CA). FLETCHER, John; 246 Spring Garden Road, Oakville, Ontario L6L-5H4 (CA). WISNIEWSKI, Karen; 267 Park Avenue, Bound Brook, NJ 08805 (US). THOMAS, Barbara; 16 Evergreen Circle, Princeton, NJ 08540 (US).

(74) NANFELDT, Richard, E.; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ C11D 17/04, 1/86, 1/83, 3/20, 3/34, A47L 13/17

(11) WO 03/042349 (13) A1

(21) PCT/US02/36250

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 10/008,715 13 Nov/nov 2001 US (13.11.2001)

(30) 10/086,165 27 Feb/fév 2002 US (27.02.2002)

(30) 10/158,421 30 May/mai 2002 US (30.05.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CLEANING WIPE
• CHIFFON DE NETTOYAGE

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

(72) SUAZON, Lamberta; 289 Delaney Drive, Ajax, Ontario L1T-3S7 (CA). BARRY, Dawne; 483 Elm Road, Stouffville, Ontario L4A-2S3 (CA). FLETCHER, John; 246 Spring Garden Road, Oakville, Ontario L6L-5H4 (CA). WISNIEWSKI, Karen; 267 Park Avenue, Bound Brook, NJ 08805 (US). THOMAS, Barbara; 16 Evergreen Circle, Princeton, NJ 08540 (US).

(74) NANFELDT, Richard, E.; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations; (s) for all designations / pour toutes les désignations; (s) 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 C11D 17/04, 1/88, 1/90, 3/43, 3/20, A47L 13/17

(11) WO 03/042350 (13) A1

(21) PCT/US02/36500

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 09/993,244 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • BATHROOM CLEANING WIPE
• CHIFFON DE NETTOYAGE POUR SALLE DE BAINS

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

(72) JULEMONT, Jean; Fontaine Au Biez, 76, B-4802 Verviers (BE).

(74) NANFELDT, Richard, E.; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

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

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ C12M

(11) WO 03/042351 (13) A2

(21) PCT/US02/35024

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/337,360 5 Nov/nov 2001 US (05.11.2001)

(30) 10/280,870 24 Oct/oct 2002 US (24.10.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A TEST FOR MEASURING BACTERIA IN WATER

• ESSAI DE MESURE DE LA QUANTITE DE BACTERIES DANS L'EAU

(63) US 10/280,870 (CIP) 24 Oct/oct 2002 (24.10.2002)

(71) CORBETT, Christopher, W. [US/US]; 9400 North Broadway, Suite 420, Oklahoma City, OK 73114 (US).
(only for / seulement pour MW)

(71, 72) TRYLAND, Ingun [NO/NO]; Ostadalsveien 34A, N-0753 Oslo (NO). HERMANSON, Leonila [NO/NO]; Durudveien 16A, N-1344 Haslum (NO).

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

(74) PALMER, John 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C12M 3/00, A01H 4/00, C12N 5/04

(11) WO 03/042352 (13) A1

(21) PCT/JP02/11906

(22) 15 Nov/nov 2002 (15.11.2002)

(25) ja (26) ja

(30) 2001-351680 16 Nov/nov 2001 JP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)
(54) • APPARATUS FOR CULTURING ORGANISM AND METHOD OF CULTURING ORGANISM

• APPAREIL ET PROCEDE DE CULTURE D'UN ORGANISME

(71) PHYTOCULTURE CONTROL CO., LTD. [JP/JP]; 1912, Tsuchimaru, Izumisano-shi, Osaka 598-0022 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASEGAWA, Ryou [JP/JP]; c/o PHYTOCULTURE CONTROL CO., LTD., 1912, Tsuchimaru, Izumisano-shi, Osaka 598-0022 (JP). SUZUMURA, Daisuke [JP/JP]; c/o PHYTOCULTURE CONTROL CO., LTD., 1912, Tsuchimaru, Izumisano-shi, Osaka 598-0022 (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) AU BR CA CN ID IN JP KR NO NZ PH RU SG US VN.

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

(51)⁷ C12N

(11) WO 03/042353 (13) A2

(21) PCT/US02/22722

(22) 17 Jul/juil 2002 (17.07.2002)

(25) en (26) en

(30) 60/306,087 17 Jul/juil 2001 US (17.07.2001)

(30) 60/307,303 23 Jul/juil 2001 US (23.07.2001)

(30) 60/313,992 21 Aug/août 2001 US (21.08.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHODS FOR DETECTION OF A TARGET NUCLEIC ACID BY CAPTURE USING MULTI-SUBUNIT PROBES

• PROCEDES DE DETECTION D'ACIDE NUCLEIQUE CIBLE PAR CAPTURE AU MOYEN DE SONDRES PRESENTANT PLUSIEURS SOUS-UNITES

(71) STRATAGENE [US/US]; 11011 North Torrey Pines Road, La Jolla, CA 92037 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SORGE, Joseph [US/US]; 5320 Pine Meadow Road, Wilson, WY 83014 (US). WHALEN, Anne, M. [US/US]; 4734 Dovecote Trail, Suwanee, GA 30024-4194 (US).

(74) WILLIAMS, Kathleen, M.; Palmer & Dodge LLP, 111 Huntington Avenue, Boston, MA 02199-7613 (US).

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

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

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

(51)⁷ C12N

(11) WO 03/042354 (13) A2

(21) PCT/US02/27885

(22) 4 Sep/sep 2002 (04.09.2002)

(25) en (26) en

(30) 60/316,300 4 Sep/sep 2001 US (04.09.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ABROGEN POLYPEPTIDES, NUCLEIC ACIDS ENCODING THEM AND METHODS FOR USING THEM TO INHIBIT ANGIOGENESIS

• POLYPEPTIDES APPELES ABROGENES, ACIDES NUCLEIQUES CODANT CES DERNIERS ET PROCEDES D'UTILISATION DESDITS POLYPEPTIDES ABROGENES POUR INHIBER L'ANGIOGENESE

(71) AVENTIS PHARMACEUTICALS INC. [US/US]; Route 202-206, EMC-G1, Bridgewater, NJ 08807-0800 (US).

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

(72, 75) NESBIT, Mark [—/US]; 79, rue de Fontenay, F-94600 Vincennes (FR). FONG, Timothy, C. [—/US]; 170 Sandringham Drive, Moraga, CA 94556 (US). BROCKSTEDT, Dirk [—/US]; 864 York Street, Apt. 2, Oakland, CA 94610 (US).

(74) KULIK, David, J.; Attn: Patent Administration, Wiley Rein & Fielding, LLP, 1776 K Street, N.W., 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/042355 (13) A2

(21) PCT/US02/30651

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/963,191 26 Sep/sep 2001 US (26.09.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ACETOACETYLATED SACCHARIDES AND PROCESS OF MAKING THE SAME

• SACCHARIDES ACETOACETYLES ET LEUR PROCEDE DE FABRICATION

(71) HERCULES INCORPORATED [US/US]; Hercules Plaza, 1313 North Market Street, Wilmington, DE 19894-0001 (US).

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

(72, 75) CHENG, Huai, N. [US/US]; 702 Hertford Road, Wilmington, DE 19803-1606 (US). NICKOL, Robert, G. [US/US]; 1 Rebecca Court, Hockessin, DE 19707-9287 (US). QIAO, Lei [CA/US]; 1376 Stonegate Drive, Downingtown, PA 19335 (US). WANG, Peng, George [CN/US]; 1880 Pelican Court, Troy, MI 48084 (US). XIE, Wenhua [CN/US]; 6592 Lakeview Boulevard #14312, Westland, MI 48185 (US).

(74) ROSSL, Joanne, Mary, Fobare; Hercules Incorporated, Hercules Plaza, 1313 North Market Street, Wilmington, DE 19894-0001 (US).

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

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

(51)⁷ C12N

(11) WO 03/042356 (13) A2

(21) PCT/US02/30845

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/978,146 15 Oct/oct 2001 US (15.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PTTG KNOCKOUT RODENT AS A MODEL TO STUDY MECHANISMS FOR VARIOUS PHYSIOLOGICAL PHENOMENA, INCLUDING DIABETES

• RONGEUR KNOCKOUT A MUTATION NULLE DU PTTG, MODELE POUR L'ETUDE DE MECANISMES D'INDUCTION DE DIFFERENTS PHENOMENES PHYSIOLOGIQUES DONT LE DIABETE

(71) CEDARS-SINAI MEDICAL CENTER [US/US]; 8700 Beverly Boulevard, Los Angeles, CA 90048-1865 (US).

(72) WANG, Zhiyong; 1749 N. Serrano Avenue, #332, Los Angeles, CA 90027 (US). MELMED, Shlomo; 9437 Cresta Drive, Los Angeles, CA 90035 (US).

(74) STEINBERG, Nisan, A. et al. / etc.; Sidley Austin Brown & Wood, 555 West Fifth Street, Los Angeles, CA 90013-1010 (US).

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

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

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

Declarations / Déclarations :

(r) for all designations / pour toutes les
designations

(s) for all designations / pour toutes les
designations

(t) for all designations / pour toutes les
designations

(51)⁷ C12N

(11) WO 03/042357 (13) A2

(21) PCT/US02/31096

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/326,388 28 Sep/sep 2001 US
(28.09.2001)

(30) 60/328,979 12 Oct/oct 2001 US
(12.10.2001)

(30) 60/346,034 19 Oct/oct 2001 US
(19.10.2001)

(30) 60/348,284 26 Oct/oct 2001 US
(26.10.2001)

(30) 60/338,048 8 Nov/nov 2001 US
(08.11.2001)

(30) 60/332,340 16 Nov/nov 2001 US
(16.11.2001)

(30) 60/340,357 14 Dec/déc 2001 US
(14.12.2001)

(30) 60/368,799 29 Mar/mar 2002 US
(29.03.2002)

(30) 60/368,722 29 Mar/mar 2002 US
(29.03.2002)

(30) 60/381,558 17 May/mai 2002 US
(17.05.2002)

(30) 60/387,119 7 Jun/juin 2002 US
(07.06.2002)

(30) 60/390,662 21 Jun/juin 2002 US
(21.06.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ENZYMES

• ENZYMES

(71) INCYTE GENOMICS, INC. [US/US];
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les États désignés sauf US)

(72, 75) YANG, Junming [CN/US]; 7125 Bark
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(US). ELLIOTT, Vicki, S. [US/US]; 3770
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vale, CA 94086 (US). FORSYTHE, Ian,
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City, CA 94061 (US). LEE, Ernestine, A.
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Clara, CA 95054 (US). RAMKUMAR, Jay-
alaxmi [IN/US]; 34359 Maybird Circle, Fre-
mont, CA 94555 (US). CHAWLA, Narinder,
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City, CA 94587 (US). BAUGHN, Mariah,

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andro, CA 94577 (US). BECHA, Shanya,
D. [US/US]; 21062 Gary Drive # 117, Castro
Valley, CA 94546 (US). GORVAD, Ann, E.
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Jose, CA 95118 (US). GRIFFIN, Jennifer,
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CA 94555 (US). LEE, Soo, Yeun [KR/US];
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(US). CHANG, Hsin-Ru [US/US]; 326
Treasure Island Drive, Belmont, CA 94002
(US). EMERLING, Brooke, M. [US/US];
1735 Woodland Avenue # 71, Palo Alto,
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(US). LAL, Preeti, G. [US/US]; P.O. Box
5142, Santa Clara, CA 95056 (US). KABLE,
Amy, E. [US/US]; 2345 Polk Street #4, San
Francisco, CA 94109 (US). MARQUIS,
Joseph, P. [US/US]; 4428 Lazy Lane, San
Jose, CA 95135 (US). JIANG, Xin [US/US];
14371 Elva Avenue, Saratoga, CA 95070
(US). JACKSON, Alan, A. [US/US]; 1541
Elwood Drive, Los Gatos, CA 95032 (US).
ZEBARJADIAN, Yeganeh [IR/US]; 830
Junipero Serra Boulevard, San Francisco,
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[CA/US]; 8 Locksley Avenue #5D, San Fran-
cisco, CA 94122 (US). WILSON, Amy, D.
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mont, California 94002, Belmont, CA 94002
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Redwood City, CA 94062 (US). LEE, Sally
[US/US]; 3643 26th Street, San Francisco,
CA 94110 (US). BLAKE, Julie, J. [US/US];
1975 35th Avenue, San Francisco, CA 94116
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ZHENG, Wenjin [CN/US]; 9 Sutter Creek
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Jing [US/US]; 1575 Tenaka Place, Apt. M6,
Sunnyvale, CA 94087 (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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ C12N

(11) WO 03/042358 (13) A2

(21) PCT/US02/34622

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en

(26) en

(30) 60/335,084 31 Oct/oct 2001 US
(31.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHODS OF USING 48149, A HU-
MAN AMINOPEPTIDASE FAMILY
MEMBER

• METHODES D'UTILISATION DE
48149, UN ELEMENT DE LA FAMILLE
DE L'AMINOPEPTIDASE HUMAINE

(71) MILLENNIUM PHARMACEUTICALS,
INC. [US/US]; 75 Sidney Street, Cambridge,
MA 02139 (US).

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les États désignés sauf US)

(72, 75) CHUN, Miyoung [US/US]; 88 Country
Club Lane, Belmont, MA 02478 (US).

(74) BOSSONE, Steven, A.; Millennium Phar-
maceuticals, Inc., 75 Sidney Street, Cam-
bridge, MA 02139 (US).

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

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

(51)⁷ C12N

(11) WO 03/042359 (13) A2

(21) PCT/US02/35375

(22) 4 Nov/nov 2002 (04.11.2002)

(25) en (26) en

(30) 60/333,094 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • HISTAMINE RECEPTOR H3 POLYNU-
CLEOTIDES

• POLYNUCLEOTIDES DU RECEPTEUR
HISTAMINIQUE H3

(71) MERCK & CO. INC. [US/US]; 126 East
Lincoln Avenue, Rahway, NJ 07065-0907
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les États désignés sauf US)

(72, 75) GALLAGHER, Michael [US/US];
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Drive, Aurora, OH 44202 (US).

(74) AYLER, Sylvie, A.; 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

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

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

(51)⁷ C12N

(11) WO 03/042360 (13) A2

(21) PCT/US02/35597

(22) 5 Nov/nov 2002 (05.11.2002)

(25) en (26) en

(30) 09/993,731 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION
• MODULATION ANTISENS DE L'EXPRESSION DE L'INHIBITEUR-KAPPA B-R

(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]; 2306 Casa Hermosa Court, Encinitas, CA 92024 (US). WATT, Andrew, T. [US/US]; Apartment 154, 1500 Shadowridge Drive, Vista, CA 92083 (US).

(74) LICATA, Jane, Massey et al. / etc.; Licata & Tyrrel 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ C12N

(11) WO 03/042361 (13) A2

(21) PCT/US02/35829

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 09/986,618 9 Nov/nov 2001 US (09.11.2001)

(30) 10/216,870 13 Aug/août 2002 US (13.08.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PRODUCTION OF ADENO-ASSOCIATED VIRUS IN INSECT CELLS
• PRODUCTION D'UN VIRUS ADENO-ASSOCIE DANS DES CELLULES D'INSECTES

(71) GOVERNMENT OF THE UNITED STATES OF AMERICA, DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; 6011 Executive Boulevard, Suite 325, Rockville, MD 20852-3804 (US).
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(72, 75) KOTIN, Robert, M. [US/US]; 6510 Broxburn Drive, Bethesda, MD 20817 (US). URABE, Masashi [JP/US]; 10201 Grosvenor Place, Apt. 1109, Rockville, MD 20852 (US). DING, Chuan-Tian [CN/US]; 6904 Strathmore Street, Apt. 221, Chevy Chase, MD 20815 (US).

(74) JAY, Jeremy, M.; Leydig, Voit & Mayer, 700 Thirteenth Street, Suite 300, Washington, DC 20005 (US).

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

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

(51)⁷ C12N

(11) WO 03/042362 (13) A2

(21) PCT/US02/35869

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 60/338,126 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PGC-1\$G(B), A NOVEL PGC-1 HOMOLOGUE AND USES THEREFOR
• PGC-1\$G(B), UN NOUVEL HOMOLOGUE DU PGC-1 ET LEURS UTILISATIONS

(71) DANA-FARBER CANCER INSTITUTE, INC. [US/US]; 44 Binney Street, Boston, MA 02215 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SPIEGELMAN, Bruce, M. [US/US]; 271 Waban Avenue, Waban, MA 02468 (US). LIN, Jiandie [CN/US]; 79 Chestnut Street, Apt.#1, Brookline, MA 02445 (US).

(74) SMITH, DeAnn, F. 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C12N

(11) WO 03/042363 (13) A2

(21) PCT/US02/35899

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 60/337,754 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • EIT-6, A POLYPEPTIDE ENCODED BY AN ESTROGEN REGULATED GENE
• EIT-6, POLYPEPTIDE CODE PAR UN GENE REGULE PAR OESTROGENE

(71) DANA-FARBER CANCER INSTITUTE, INC. [US/US]; 44 Binney Street, Boston, MA 02115 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) POLYAK, Kornelia [HU/US]; 1856 Beacon Street, #6F, Brookline, MA (US). PANKAJ, Seth [IN/US]; Unit #8, 109 Queensberry Street, Boston, MA (US).

(74) FRASER, Janis, K.; 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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

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

(51)⁷ C12N

(11) WO 03/042364 (13) A2

(21) PCT/US02/35901

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 60/338,136 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHODS FOR IDENTIFYING, ISOLATING, AND CONTROLLING THE GROWTH OF ESTROGEN-RESPONSIVE CELLS

• PROCEDES D'IDENTIFICATION, D'ISOLATION, ET DE REGULATION DE LA CROISSANCE DE CELLULES SENSIBLES AUX OESTROGENES

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(74) **FRASER, Janis, K.**; 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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

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

(51)⁷ C12N

(11) **WO 03/042365** (13) A2

(21) PCT/US02/35922

(22) **8 Nov/nov 2002 (08.11.2002)**

(25) en (26) en

(30) 60/338,070 **9 Nov/nov 2001** US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS TO REDUCE TISSUE INJURY IN SHOCK WAVE LITHOTRIPS

• PROCEDE ET APPAREIL DE REDUCTION D'UNE LESION DE TISSU DANS UNE LITHOTRITIE PAR ONDE DE CHOC

(71) **DUKE UNIVERSITY** [US/US]; Office of Science and Technology, P.O. Box 90083, Durham, NC 27708 (US).
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(72, 75) **ZHONG, Pei** [US/US]; 111 Callard Run, Chapel Hill, NC 27514 (US). **ZHOU, Yufeng** [US/CN]; 701 Louise Circle, Durham, NC 27705 (US). **COCKS, Franklin, H.** [US/US]; 5 Learned Placed, Durham, NC 27710 (US). **PREMINGER, Glenn, M.** [US/US]; 104 Ukiah Lane, Chapel Hill, NC 27514 (US).

(74) **JENKINS, Richard, E.**; Jenkins & Wilson, P.A., Suite 1400, University Tower, 3101 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ C12N

(11) **WO 03/042366** (13) A2

(21) PCT/US02/36315

(22) **12 Nov/nov 2002 (12.11.2002)**

(25) en (26) en

(30) 60/350,316 **13 Nov/nov 2001** US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A NOVEL SAITOHIN GENE AND USES OF SAME

• NOUVEAU GENE SAITOHIN ET UTILISATION DE CELUI-CI

(71) **ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY** [US/US]; 1300 Morris Park Avenue, Bronx, NY 10461 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CONRAD, Chris** [US/US]; 1945 Easchester Road, Apt. 24H, Bronx, NY 10461 (US). **DAVIES, Peter** [US/US]; 40 Claremont Avenue, Rye, NY 10580 (US).

(74) **ARNOLD, Craig, J.**; Amster, Rothstein & Ebenstein, 90 Park Avenue, New York, NY 10016 (US).

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

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

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

(51)⁷ C12N

(11) **WO 03/042367** (13) A2

(21) PCT/US02/36431

(22) **13 Nov/nov 2002 (13.11.2002)**

(25) en (26) en

(30) 60/331,309 **14 Nov/nov 2001** US (14.11.2001)

(30) 60/377,973 **7 May/mai 2002** US (07.05.2002)

(30) 60/403,376 **15 Aug/août 2002** US (15.08.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ANTIBODIES THAT IMMUNOSPECIFICALLY BIND TO TRAIL RECEPTORS

• ANTICORPS SE LIANT SPECIFIQUEMENT AU NIVEAU IMMUNITAIRE A DES RECEPTEURS TRAIL

(71) **HUMAN GENOME SCIENCES, INC.** [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US).
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(72, 75) **SALCEDO, Theodora** [US/US]; 9810 Feathertree Terrace, Montgomery Village, MD 20886 (US). **ROSCHKE, Victor** [RU/US]; 13844 Lambertina Place, Rockville, MD 20850 (US). **RUBEN, Steven, M.** [US/US]; 19420 Pyrite Lane, Brookeville, MD 20833 (US). **ROSEN, Craig, A.** [US/US]; 22400 Rolling Hill Lane, Laytonsville, MD 20882 (US).

(74) **HOOVER, Kenley, K. et al. / etc.**; Human Genome Sciences, Inc., 9410 Key West Avenue, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C12N

(11) **WO 03/042368** (13) A2

(21) PCT/US02/36465

(22) **14 Nov/nov 2002 (14.11.2002)**

(25) en (26) en

- (30) 60/331,321 14 Nov/nov 2001 US
(14.11.2001)
- (30) Not furnished / 13 Nov/nov 2002 US
non communiqué (13.11.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHODS OF EXPRESSING LIM MINERALIZATION PROTEIN IN NON-OSSEOUS CELLS
• PROCEDE D'EXPRESSION DE PROTEINES DE MINERALISATION LIM DANS DES CELLULES NON OSSEUSES
- (71) MEDTRONIC SOFAMOR DANEK [US/US]; 1800 Pyramid Place, Memphis, TN 38132 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MCKAY, William, F. [US/US]; 3870 McElric Cove, Memphis, TN 38133 (US). BODEN, Scott, D. [US/US]; 2842 Cravey Drive, Atlanta, GA 30345 (US). YOON, Sangwook, T. [US/US]; 2431 Valhalla Drive, Atlanta, GA 30345 (US).
- (74) CHESSER, Wilburn, L. et al. / etc.; Piper Rudnick LLP, 1200 Nineteenth Street, 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 03/042369 (13) A2
- (21) PCT/US02/36572
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/337,990 13 Nov/nov 2001 US
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CELLULAR KINASE TARGETS AND INHIBITORS, AND METHODS FOR THEIR USE
• CIBLES ET INHIBITEURS DE KINASE CELLULAIRE, PROCEDES D'UTILISATION ASSOCIES
- (63) US 60/337,990 (CIP)
13 Nov/nov 2001 (13.11.2001)
- (71) PHYLOS, INC. [US/US]; 128 Spring Street, Lexington, MA 02421 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CUJEC, Thomas, P. [CA/US]; 95 Audubon Road, #408, Wakefield, MA 01880 (US).
- (74) ELBING, Karen, L.; Clark & Elbing 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ C12N
- (11) WO 03/042371 (13) A2
- (21) PCT/US02/36967
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) 10/003,690 15 Nov/nov 2001 US
(15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • 55053, A NOVEL HUMAN EUKARYOTIC KINASE AND USES THEREFOR
• 55053: NOUVELLE KINASE EUCARYOTE HUMAINE ET UTILISATIONS POSSIBLES
- (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]; 9 Thayer Street, Framingham, MA 01702 (US).
- (74) BOSSONE, Steven, A.; Millennium Pharmaceuticals, Inc., 75 Sidney Street, Cambridge, MA 02139 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 1/16, C12G 1/06 // (C12N 1/16, C12R 1:865)
- (11) WO 03/042372 (13) A2
- (21) PCT/ES02/00534
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) es (26) es
- (30) P200102541 16 Nov/nov 2001 ES
(16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • NOVEL <I>SACCHAROMYCES CEREVISIAE</I> TEMPERATURE-SENSITIVE, AUTOLYTIC WINE YEASTS AND THE METHOD OF OBTAINING SAME
• NOUVELLES LEVURES VINIQUES AUTOLYTIQUES THERMOSENSIBLES SACCHAROMYCES CEREVISIAE ET LEUR PROCEDE D'OBTENTION
- (71) CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS [ES/ES]; C/Serrano, 117, E-28006 Madrid (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GONZÁLEZ GARCÍA, Ramón [ES/ES]; Insto. Fermentaciones Industriales, Consejo Superior de Investigaciones Científicas, C/Juan de la Cierva, 3, E-28006 Madrid (ES). MARTÍNEZ-RODRÍGUEZ, Adolfo, J. [ES/ES]; Insto. Fermentaciones

- Industriales, Consejo Superior de Investigaciones Científicas, C/Juan de la Cierva, 3, E-28006 Madrid (ES). CARRASCOSA SANTIAGO, Alfonso, Vicente [ES/ES]; Insto. Fermentaciones Industriales, Consejo Superior de Investigaciones Científicas, C/Juan de la Cierva, 3, E-28006 Madrid (ES).
- (74) REPRESA SÁNCHEZ, Domingo; Consejo Superior de Investigaciones Científicas, Oficina de Transferencia de Tecnología, C/Serrano, 113 - 2ª planta, E-28006 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 1/20
- (11) WO 03/042373 (13) A1
- (21) PCT/KR02/01824
- (22) 28 Sep/sep 2002 (28.09.2002)
- (25) ko (26) en
- (30) 2001/60923 29 Sep/sep 2001 KR (29.09.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCESS FOR PREPARING PRAVASTATIN SODIUM
• PROCÉDÉ DE PRÉPARATION DE PRAVASTATINE SODIQUÉ
- (71) KOBIO TECH CO.LTD. [KR/KR]; 147BLOCK 4LOT, Namdong Industrial Complex 2, 713-12, Kojan-dong, Namdong-ku, 405-821 Incheon (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHOI, Nam-Hee [KR/KR]; No. 17-306, Dogok Apartment, Dogok-dong, Kangnam-ku, 135-270 Seoul (KR). TAK, Kon-Tae [KR/KR]; 2-3, Bonggok-dong, Changwon-si, 641-270 Kyungnam (KR). LEE, Ki-Woo [KR/KR]; 48-6, Dapsimni-2-dong, Dongdaemun-ku, 130-032 Seoul (KR). KIM, Nam-Hyun [KR/KR]; 2-19, Gamcheon-2-dong, Saha-ku, 604-072 Busan (KR). JUN, Jong-Chang [KR/KR]; 147, Hyunnae-2-ri, Namsun-meon, Andong-si, 760-860 Kyungbuk (KR). KONG, Yoon-Jeong [KR/KR]; No. 4-6, Cheonil Yunrip, 285-267, Galhyun-1-dong, Eunpyeong-ku, 122-051 Seoul (KR). LEE, Kyung-Mi [KR/KR]; No. 105-1302, Daedong Apartment, 633, Yunsu-2-dong, Yunsu-ku, 406-112 Incheon (KR).
- (74) YOON, Dong-Yol et al. / etc.; 9th Fl., Yosam Bldg., 648-23, Yoksam-dong, Kangnam-ku, 135-748 Seoul (KR).
- (81) US.
- (84) EP (FR).
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- (51)⁷ C12N 5/06, C07K 14/705, 16/28
- (11) WO 03/042374 (13) A2
- (21) PCT/EP02/12645
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) de (26) de
- (30) 101 55 130.4 12 Nov/nov 2001 DE (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ISOLATION OF NEURONES AND STEM CELLS FOR NERVE FIBRES FROM A SAMPLE
• ISOLEMENT DE NEURONES ET DE CELLULES SOUCHES POUR FIBRES NERVEUSES A PARTIR D'UN ECHAN-TILLON
- (71) MAX-DELBRÜCK-CENTRUM FÜR MOLEKULARE MEDIZIN [DE/DE]; Robert-Rössle-Str. 10, 13125 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PFRIEGER, Frank, W. [DE/DE]; Schlosserstr. 18, 78224 Singen (DE). NÄGLER, Karl [DE/DE]; Siemensstr. 67, 12247 Berlin (DE).
- (74) ZIEBIG, Marlene, K. et al. / etc.; Gulde Hengelhaupt Ziebig, Schützenstrasse 15-17, 10117 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 5/06, A61F 2/02
- (11) WO 03/042375 (13) A1
- (21) PCT/JP02/11914
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) ja (26) ja
- (30) 2001-350541 15 Nov/nov 2001 JP (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • STEM CELLS ORIGINATING IN SALIVARY DUET EPITHELIAL CELLS AND USE THEREOF
• CELLULES SOUCHES ISSUES DE CELLULES EPITHELIALES DU DUO SALIVAIRE ET UTILISATION ASSOCIÉE
- (71) BIOS RESEARCH INSTITUTE INC. [JP/JP]; 4-28, Amanuma, Hiratsuka-shi, Kanagawa 254-0031 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) ENDO, Fumio [JP/JP]; 733-103, Izumi 7-chome, Kumamoto-shi, Kumamoto 862-0941 (JP).
- (72, 75) OKUMURA, Kenji [JP/JP]; 6-52, Suizenji 6-chome, Kumamoto-shi, Kumamoto 862-0950 (JP). NAKAMURA, Kimitoshi [JP/JP]; 1-10-1103, Izumi 1-chome, Kumamoto-shi, Kumamoto 862-0941 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 5/06, 5/00, A61N 5/00
- (11) WO 03/042376 (13) A1
- (21) PCT/US02/36808
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) 60/335,727 15 Nov/nov 2001 US (15.11.2001)
- (30) 60/341,464 17 Dec/déc 2001 US (17.12.2001)
- (30) 60/344,932 21 Dec/déc 2001 US (21.12.2001)
- (30) 60/354,007 31 Jan/jan 2002 US (31.01.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHODS FOR PREPARING ARTIFICIAL CARTILAGE
• PROCEDES DE PREPARATION DE CARTILAGE ARTIFICIEL
- (71) PHOTOTHERA, INC. [US/US]; 12426 High Bluff Drive, Suite 260, San Diego, CA 92130 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STREETER, Jackson [US/US]; 3250 Marthiam Avenue, Reno, NV 89509 (US).
- (74) DELANEY, Karoline, A.; Knobbe, Martens, Olson and Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

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

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C12N 5/08, A61K 35/14

(11) WO 03/042377 (13) A1

(21) PCT/US02/35985

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 60/336,776 7 Nov/nov 2001 US (07.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • EXPANSION OF T CELLS IN VITRO AND EXPANDED T CELL POPULATIONS

• ACTIVATION DE LA PROLIFERATION DES CELLULES T IN VITRO ET POPULATIONS DE CELLULES T AYANT PROLIFERE

(71) KIRIN BEER KABUSHIKI KAISHA [JP/JP]; 10-1, Shinkawa 2-chome, Chuo-ku, Tokyo 104-8288 (JP).

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(72, 75) MIKAYAMA, Toshifumi [JP/US]; 3165 Lower Ridge Road, San Diego, CA 92130 (US). ROGERS, Paul, R. [US/US]; 2765 Havasupai Avenue, San Diego, CA 92117 (US).

(74) WETHERELL, John, R. et al. / etc.; 11682 El Camino Real, Suite 200, Carmel Valley, CA 92130-1593 (US).

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

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

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(51)⁷ C12N 9/16, C12P 7/04, 41/00

(11) WO 03/042378 (13) A1

(21) PCT/EP02/12618

(22) 12 Nov/nov 2002 (12.11.2002)

(25) de (26) de

(30) 101 55 764.7 14 Nov/nov 2001 DE (14.11.2001)

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(54) • SULPHATASES AND USE THEREOF

• SULFATASES ET LEUR UTILISATION

(71) DEGUSSA AG. [DE/DE]; 40474 Düsseldorf (DE).

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(72, 75) FABER, Kurt [AT/AT]; Kerschotterweg 25, A-8010 Graz (AT). POGOREVC,

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

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

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(43) 22 May/mai 2003 (22.05.2003)

(54) • A NEW DISINTEGRIN AND METALLOPROTEINASE WITH THROMBOSPONDIN TYPE 1 POLYNUCLEOTIDE AND ITS ENCODED POLYPEPTIDE

• NOUVEAU POLYNUCLEOTIDE DE DESINTEGRINE ET METALLOPROTEINASE COMPORTANT UNE THROMBOSPONDINE DE TYPE 1 ET POLYPEPTIDE CODE

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

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

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

Declaration / Déclaration :

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

(51)⁷ C12N 11/00

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(30) 60/327,544 5 Oct/oct 2001 US (05.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MATERIALS AND METHODS FOR REDUCING OXALATE CONCENTRATIONS IN FLUIDS

• MATERIAUX ET PROCÉDES PERMETTANT DE REDUIRE LES CONCENTRATIONS D'OXALATE DANS DES FLUIDES

(71) IXION BIOTECHNOLOGY, INC. [US/US]; 13709 Progress Blvd., Box 13, Suite N-111, Alachua, FL 32615 (US).

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(72, 75) SIDHU, Harmeet [US/US]; 5611 N.W. 42nd Road, Gainesville, FL 32606 (US).

(74) SALIWANCHIK, David, R.; Saliwanchik, Lloyd & Saliwanchik, Suite A-1, 2421 NW 41st Street, Gainesville, FL 32609-6669 (US).

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

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

(51)⁷ C12N 15/00, 9/90, A61K 45/00, A61P 37/08, 25/00, 3/04, 43/00

(11) WO 03/042381 (13) A1

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(30) 2001/346035 12 Nov/nov 2001 JP (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • THREE-DIMENSIONAL STRUCTURE OF PROSTAGLANDIN D SYNTHASE AND UTILIZATION THEREOF

- STRUCTURE TRIDIMENSIONNELLE DE PROSTAGLANDINE SYNTHASE D ET SONT UTILISATION
- (71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP). OSAKA BIOSCIENCE INSTITUTE [JP/JP]; 2-4, Furuedai 6-chome, Suita-shi, Osaka 565-0874 (JP). RIKEN [JP/JP]; 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) URADE, Yoshihiro [JP/JP]; 503, Gran-sitio-Shimogamo-Shikisaikan, 43, Shimogamo Matsubara-cho, Sakyo-ku, Kyoto-shi, Kyoto 606-0804 (JP). HAYAISHI, Osamu [JP/JP]; 205, Roiyarukoto-Shimogamo, 102, Shimogamo Izumikawa-cho, Sakyo-ku, Kyoto-shi, Kyoto 606-0807 (JP). INOUE, Tsuyoshi [JP/JP]; 3-25-27, Nishi-midorigaoka, Toyonaka-shi, Osaka 560-0005 (JP). KAI, Yasushi [JP/JP]; 1-20-4, Shinsenri-kitamachi, Toyonaka-shi, Osaka 560-0081 (JP). OKANO, Yousuke [JP/JP]; 6-25-20-302, Onohara-higashi, Mino-shi, Osaka 562-0031 (JP). KINUGASA, Shigehiro [JP/JP]; 405, Domiuru-Itabashi, 2-10-14, Itabashi, Itabashi-ku, Tokyo 173-0004 (JP). MATSUMURA, Hiroyoshi [JP/JP]; 2-7-2-403, Hashinouchi, Ibaraki-shi, Osaka 567-0805 (JP). IRIKURA, Daisuke [JP/JP]; 4-9-12-265, Mino, Mino-shi, Osaka 562-0001 (JP). YAMAMOTO, Masaki [JP/JP]; 20-3-406, Koto 2-chome, Kamigori-cho, Ako-gun, Hyogo 678-1205 (JP). KUMASAKA, Takashi [JP/JP]; 2913-5-714, Nara-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-0036 (JP). MIYANO, Masashi [JP/JP]; 3-304, Oputohiruzu, 2-7, Koto, Shingu-cho, Ibo-gun, Hyogo 679-5165 (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) CA US.
- (51)⁷ C12N 15/09, 5/10, A01K 67/027
- (11) WO 03/042382 (13) A1
- (21) PCT/JP02/11831
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) ja (26) ja
- (30) 2001-348705 14 Nov/nov 2001 JP (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ES CELLS WITH ENHANCED RNAI EFFECT
• CELLULES ES A EFFET ARNI ACCRU
- (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) KATSUKI, Motoya [JP/JP]; 4-2-8-606, Roppongi, Minato-ku, Tokyo 106-0032 (JP). ISHIDA, Mitsuyoshi [JP/JP]; c/o GENCOM CORPORATION, 914, Minamiooya, Machida-shi, Tokyo 194-8511 (JP). KATO, Minoru [JP/JP]; c/o GENCOM CORPORATION, 914, Minamiooya, Machida-shi, Tokyo 194-8511 (JP).
- (74) SIKS & CO.; 8th Floor, Kyobashi-Nisshoku Bldg., 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- (51)⁷ C12N 15/09, 9/12, C07K 14/195, C12Q 1/68, C12P 19/34, C07H 21/04
- (11) WO 03/042383 (13) A1
- (21) PCT/JP02/11884
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) ja (26) ja
- (30) 2001-349173 14 Nov/nov 2001 JP (14.11.2001)
- (30) 2002-311596 25 Oct/oct 2002 JP (25.10.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DNA SYNTHESIS PROMOTERS, DNA POLYMERASE-ASSOCIATED FACTORS AND UTILIZATION THEREOF
• PROMOTEURS DE REPLICATION DE L'ADN, FACTEURS ASSOCIES A L'ADN POLYMERASE ET UTILISATION DE CES DERNIERS
- (71) TOYO BOSEKI KABUSHIKI KAISHA [JP/JP]; 2-8, Dojima Hama 2-chome, Kita-ku, Osaka-shi, Osaka 530-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KITABAYASHI, Masao [JP/JP]; c/o Tsuruga Institute of Biotechnology of TOYO BOSEKI KABUSHIKI KAISHA, 10-24, Toyo-cho, Tsuruga-shi, Fukui 914-0047 (JP). KUROITA, Toshihiro [JP/JP]; c/o Tsuruga Institute of Biotechnology of TOYO BOSEKI KABUSHIKI KAISHA, 10-24, Toyo-cho, Tsuruga-shi, Fukui 914-0047 (JP). ISHIDA, Yoshikazu [JP/JP]; c/o Tsuruga Institute of Biotechnology of TOYO BOSEKI KABUSHIKI KAISHA, 10-24, Toyo-cho, Tsuruga-shi, Fukui 914-0047 (JP). KOMATSUBARA, Hideyuki [JP/JP]; c/o Tsuruga Institute of Biotechnology of TOYO BOSEKI KABUSHIKI KAISHA, 10-24, Toyo-cho, Tsuruga-shi, Fukui 914-0047 (JP). NISHIYA, Yoshiaki [JP/JP]; c/o Tsuruga Institute of Biotechnology of TOYO BOSEKI KABUSHIKI KAISHA, 10-24, Toyo-cho, Tsuruga-shi, Fukui 914-0047 (JP). OKA, Masanori [JP/JP]; c/o Tsuruga Institute of Biotechnology of TOYO BOSEKI KABUSHIKI KAISHA, 10-24, Toyo-cho, Tsuruga-shi, Fukui 914-0047 (JP). KAWAMURA, Yoshihisa [JP/JP]; c/o Tsuruga Institute of Biotechnology of TOYO BOSEKI KABUSHIKI KAISHA, 10-24, Toyo-cho, Tsuruga-shi, Fukui 914-0047 (JP). IMANAKA, Tadayuki [JP/JP]; 2-28-11, Fujishirodai, Suita-shi, Osaka 565-0873 (JP).
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- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- (51)⁷ C12N 15/09, 15/12, 5/06, C07K 14/47, C12Q 1/02, G01N 33/50, 33/15, A61K 45/00, 38/00, A61P 25/00, 25/28, 25/16, 17/00, 43/00
- (11) WO 03/042384 (13) A1
- (21) PCT/JP02/11894
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) ja (26) ja
- (30) 2001-350724 15 Nov/nov 2001 JP (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • INDUCER FOR DIFFERENTIATION OF EMBRYO STEM CELLS INTO EC-TODERMAL CELLS, METHOD OF OBTAINING THE SAME AND USE THEREOF
• INDUCTEUR DE DIFFERENTIATION POUR CELLULES SOUCHES D'EMBRYON, PROCEDE D'OBTENTION DUDIT INDUCTEUR ET UTILISATION
- (71) KYOWA HAKKO KOGYO CO., LTD. [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 (JP).
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- (71, 72) SASAI, Yoshiki [JP/JP]; c/o Kyoto University, Institute for Frontier Medical Sciences, 53, Shogoin-kawaracho, Sakyo-ku, Kyoto-shi, Kyoto 606-8507 (JP). IWATA, Hiroo [JP/JP]; c/o Kyoto University, Institute for Frontier Medical Sciences, 53, Shogoin-kawaracho, Sakyo-ku, Kyoto-shi, Kyoto 606-8507 (JP).
- (72, 75) MURAKAMI, Yoshinobu [JP/JP]; c/o Kyoto University, Institute for Frontier Medical Sciences, 53, Shogoin-kawaracho, Sakyo-ku, Kyoto-shi, Kyoto 606-8507 (JP). SATOH, Mitsuo [JP/JP]; c/o Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 6-6, Asahimachi 3-chome, Machida-shi, Tokyo 194-8533 (JP). KOBORI, Masato [JP/JP]; c/o Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 6-6, Asahimachi 3-chome, Machida-shi, Tokyo 194-8533 (JP). YANO, Keiichi [JP/JP]; c/o Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 6-6, Asahimachi 3-chome, Machida-shi, Tokyo 194-8533 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C12N 15/11, A61K 31/713, C12N 15/10, C12Q 1/68
- (11) WO 03/042385 (13) A2
- (21) PCT/US02/01659
- (22) 18 Jan/jan 2002 (18.01.2002)
- (25) en (26) en
- (30) Not furnished / 12 Nov/nov 2001 US non communiqué (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)

- (54) • GENE SILENCING USING SENSE DNA AND ANTISENSE RNA HYBRID CONSTRUCTS
- EXTINCTION GENIQUE AU MOYEN DE CONSTRUCTIONS HYBRIDES D'ADN SENS ET D'ARN ANTISENS
- (71) EPICLONE, INC. [US/US]; 731 S. Chapel Avenue, #F, Alhambra, CA 91801 (US).
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- (72, 75) LIN, Shi-Lung [—/US]; 731 S. Chapel Avenue, #F, Alhambra, CA 91801 (US).
- (74) LYON & LYON LLP; Samuel N. Tiu, 633 West Fifth Street, Suite 4700, Los Angeles, CA 90071 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE 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, C12Q 1/68, C07K 14/47, 16/18, A01K 67/027
- (11) WO 03/042386 (13) A1
- (21) PCT/JP02/10569
- (22) 11 Oct/oct 2002 (11.10.2002)
- (25) ja (26) ja
- (30) 2001-345491 12 Nov/nov 2001 JP (12.11.2001)
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- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DESMN GENE HAVING NOVEL POINT MUTATION CAUSATIVE OF DILATED CARDIOMYOPATHY
- GENE DESMINE COMPRENANT UN NOUVEAU POINT DE MUTATION ENTRAINANT CARDIOMYOPATIE DILATEE
- (71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).
(for all designated States except / pour tous les États désignés sauf US)
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- (74) SAEKI, Norio; 9th floor, Taka-ai Building, 15-2, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ C12N 15/12, 15/63, 1/21, C07K 14/47, 19/00, 16/18, A01K 67/027, G01N 33/50, C12Q 1/00, A61K 38/17, 39/395, 48/00 // C12P 21/02, 21/08
- (11) WO 03/042387 (13) A1
- (21) PCT/JP02/11851
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- (25) ja (26) ja
- (30) 2001-348050 13 Nov/nov 2001 JP (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • NOVEL HAIR KERATIN-ASSOCIATED PROTEINS
- NOUVELLES PROTEINES ASSOCIEES A LA KERATINE DES POILS
- (71) KEIO UNIVERSITY [JP/JP]; 15-45, Mita 2-chome, Minato-ku, Tokyo 108-8345 (JP). JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE [JP/JP]; 3-1, Kojimachi 5-chome, Chiyoda-ku, Tokyo 102-8471 (JP).
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- (72, 75) KUDO, Jun [JP/JP]; c/o Keio University, School of medicine, 35, Shinanomachi, Shinjuku-ku, Tokyo 160-8582 (JP). SHIBUYA, Kazunori [JP/JP]; c/o Keio University, School of medicine, 35, Shinanomachi, Shinjuku-ku, Tokyo 160-8582 (JP). SHIMIZU, Nobuyoshi [JP/JP]; c/o Keio University, School of medicine, 35, Shinanomachi, Shinjuku-ku, Tokyo 160-8582 (JP).
- (74) HIROTA, Masanori; 3F, Wakabayashi Bldg., 8-5, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/49, 15/62, 15/85, 1/21, C07K 14/16, A61K 39/21, A61P 31/18
- (11) WO 03/042388 (13) A1
- (21) PCT/FR02/03188
- (22) 18 Sep/sep 2002 (18.09.2002)
- (25) fr (26) fr
- (30) 01/12806 5 Oct/oct 2001 FR (05.10.2001)
- (30) 60/347,909 7 Nov/nov 2001 US (07.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • POLYPEPTIDE ANTIGEN FORMING A MIMETIC STRUCTURE OF THE GP41 INTERMEDIATE STATE
- ANTIGENE POLYPEPTIDIQUE FORMANT UNE STRUCTURE MIMANT L'ETAT INTERMEDIAIRE DE gp41
- (71) AVENTIS PASTEUR [FR/FR]; 2, avenue pont Pasteur, F-69007 Lyon (FR).
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- (72, 75) CHEVALIER, Michel [FR/FR]; 19, rue de la Guillotière, F-38270 Beaurepaire (FR). EL HABIB, Raphaëlle [FR/FR]; 11, rue des Erables, F-69630 Chaponost (FR). KRELL, Tino [FR/FR]; 19, Chemin de Charrière
- Blanche, F-69130 Ecully (FR). SODOYER, Régis [FR/FR]; 5, rue du Brulet, F-69110 Sainte Foy les Lyon (FR).
- (74) SCHAEFFER, Nathalie et al. / etc.; Aventis Pasteur, Propriété Intellectuelle, 2, avenue pont Pasteur, F-69007 Lyon (FR).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/53, 9/04, 1/21, C12P 13/08
- (11) WO 03/042389 (13) A1
- (21) PCT/EP02/12556
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) de (26) de
- (30) 101 55 505.9 13 Nov/nov 2001 DE (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • GENES CODING FOR GLUCOSE-6-PHOSPHATE-DEHYDROGENASE PROTEINS
- GENE CODANT POUR LA PROTEINE APPELEES GLUCOSE-6-PHOSPHATE DESHYDROGENASE
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZELDER, Oskar [DE/DE]; Franz-Stützel-Strasse 8, 67346 Speyer (DE). POMPEJUS, Markus [DE/DE]; Wenjenstrasse 21, 67251 Freinsheim (DE). SCHRÖDER, Hartwig [DE/DE]; Benzstrasse 4, 69226 Nussloch (DE). KRÖGER, Burkhard [DE/DE]; Im Waldhof 1, 67117 Limburgerhof (DE). KLOPPROGGE, Corinna [DE/DE]; Diemersteinstrasse 3, 67065 Ludwigshafen (DE). HABERHAUER, Gregor [DE/DE]; Moselstrasse 42, 67117 Limburgerhof (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/55, 9/16, C07K 16/40, C12Q
1/68, 1/42, G01N 33/573

(11) WO 03/042390 (13) A1

(21) PCT/US01/43063

(22) 13 Nov/nov 2001 (13.11.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • MAMMALIAN PROTEIN PHOSPHATASES

• PHOSPHATASES PROTEIQUES DE MAMMIFERES

(71, 72) PLOWMAN, Gregory, D. [US/US]; 35 Winding Way, San Carlos, CA 94070 (US).
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(72, 75) MANNING, Gerard [IE/US]; 844 Fremont Street #4, Menlo Park, CA 94025 (US).
WHYTE, David [US/US]; 2623 Barclay Way, Belmont, CA 94002 (US).

(74) BURROUS, Beth, A. et al. / etc.; Foley & Lardner, Washington Harbour, Suite 500, 3000 K Street, N.W., Washington, DC 20007-5109 (US).

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

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

(51) C12P 1/00

(11) WO 03/042391 (13) A1

(21) PCT/IB02/04624

(22) 14 Oct/oct 2002 (14.10.2002)

(25) en (26) en

(30) 60/332,580 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR ENHANCING THE EFFICIENCY OF AN ENZYMATIC PURIFICATION PROCESS

• PROCEDE POUR AUGMENTER L'EFFICACITE D'UN PROCESSUS DE PURIFICATION ENZYMATIQUE

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(72, 75) SUDOR, Jan [FR/FR]; 16, rue Dr Vignes, F-91100 Corbeil Essones (FR).

(74) GENSET S.A.; c/o De Luca, Giampiero, Serono International S.A., Intellectual Property, 12, Chemin des Aulx, 1228 Plan-les-Ouates (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ C12P 7/62, 7/64, 9/00, A61K 9/10, A23D 7/01, 9/013

(11) WO 03/042392 (13) A1

(21) PCT/EP02/12817

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 01 309 655.7 15 Nov/nov 2001 EP
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • STANDARDISED PHOSPHOLIPID MIXTURES

• MELANGES DE PHOSPHOLIPIDES NORMALISES

(71) PHARES PHARMACEUTICAL RESEARCH N.V. [NL/NL]; P.O. Box 6052, Emancipatie Boulevard 31, Curaçao (NL).

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(72, 75) LEIGH, Steve [GB/CH]; PHARES Drug Delivery AG, Klauenfeldstrasse 30, CH-4132 Muttenz (CH). LEIGH, Mathew, Louis, Steven [GB/CH]; Phares Drug Delivery AG, Klauenfeldstrasse 30, CH-4132 Muttenz (CH). VAN HOOGEVEST, Peter [NL/CH]; Breitenstrasse 3, CH-4416 Bubendorf (CH). TIEMESSEN, Henricus [NL/DE]; Dinkelbergstrasse 2, 79576 Weil am Rhein (DE).

(74) SCHREIBER, Wolfgang, F. 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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(51)⁷ C12P 17/16

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(21) PCT/IN01/00202

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • ENZYMATIC PREPARATION OF MYCOPHENOLATE MOFETIL

• PREPARATION ENZYMATIQUE DE MYCOPHENOLATE-MOFETILE

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(72, 75) PATIL, Nitin [IN/IN]; 20th Km Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN). MENDHE, Rakesh [IN/IN]; 20th Km Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN). KHEDKAR, Anand [IN/IN]; 20th Km Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN). MELARKODE, Ramakrishnan [IN/IN]; 20th Km Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN). SURYANARAYAN, Shrikumar [IN/IN]; 20th Km Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN).

(74) ANAND, Pravin et al. / etc.; Anand & Anand Advocates, B-41, Nizamuddin East, New Delhi 110 013 (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C12Q

(11) WO 03/042394 (13) A2

(21) PCT/EP02/12778

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 01127259.8 16 Nov/nov 2001 EP
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD OF IDENTIFYING COMPOUNDS THAT ALTER BAG-1 MEDIATED DOWN-REGULATION OF GLUCOCORTICOID-RECEPTOR TRANSACTIVATION

• METHODE D'IDENTIFICATION DE COMPOSES MODIFIANT LA REGULATION NEGATIVE MEDIEE PAR BAG-1 DE LA TRANSACTIVATION DU RECEPTEUR GLUCOCORTICOIDE

(71) MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V. [DE/DE]; Berlin (DE).

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(72, 75) SCHMIDT, Ulrike [DE/DE]; Gabelsbergerstrasse 48C, 80333 München (DE). REIN, Theo [DE/DE]; Am Schnepfenweg 60A, 80995 München (DE). HOLLSBOER, Florian [CH/DE]; Rohmederstrasse 12, 80805 Munich (DE).

(74) VOSSIUS & PARTNER; Siebertstrasse 4, 81675 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12Q
- (11) WO 03/042395 (13) A2
- (21) PCT/IL02/00915
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (30) 60/331,318 14 Nov/nov 2001 US (14.11.2001)
- (30) 60/386,418 7 Jun/juin 2002 US (07.06.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROGRAMMABLE AND AUTONOMOUS COMPUTING MACHINE MADE OF BIOMOLECULES
- MACHINE DE CALCUL PROGRAMMABLE ET AUTONOME CONSTITUEE DE BIOMOLECULES
- (71) YEDA RESEARCH AND DEVELOPMENT CO.LTD. [IL/IL]; Weizmann Institute of Science, P.O. Box 95, 76 100 Rehovot (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHAPIRO, Ehud [IL/IL]; House #33, 90 804 Nataf (IL). BENENSON, Yaakov [IL/IL]; Zlatopolsky Street 20/2, 63 475 Tel Aviv (IL). ADAR, Rivka [IL/IL]; Alon Street 29, 99 797 Carmei Yosef (IL). PAZ-ELIZUR, Tamar [IL/IL]; Bustenai Street 12, 76 289 Rehovot (IL).
- (74) G. E. EHRlich (1995) LTD.; Bezalel Street 28, 52 521 Ramat Gan (IL).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 03/042397 (13) A2
- (21) PCT/US02/33629
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 60/350,607 13 Nov/nov 2001 US (13.11.2001)
- (30) 60/341,117 17 Dec/déc 2001 US (17.12.2001)
- (30) 60/377,066 1 May/mai 2002 US (01.05.2002)
- (30) 60/386,675 5 Jun/juin 2002 US (05.06.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A METHOD OF DETECTING AND/OR IDENTIFYING ADENO-ASSOCIATED VIRUS (AAV) SEQUENCES AND ISOLATING NOVEL SEQUENCES IDENTIFIED THEREBY
- METHODE DE DETECTION ET/OU D'IDENTIFICATION DE SEQUENCES DE VIRUS ASSOCIES AUX ADENOVIRUS (AAV) ET D'ISOLATION DE NOUVELLES SEQUENCES AINSI IDENTIFIEES
- (25) en (26) en
- (30) 60/297,583 11 Jun/juin 2001 US (11.06.2001)
- (30) 09/970,087 2 Oct/oct 2001 US (02.10.2001)
- (30) 60/378,938 10 May/mai 2002 US (10.05.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ELECTRONIC DETECTION OF BIOLOGICAL MOLECULES USING THIN LAYERS
- DETECTION ELECTRONIQUE DE MOLECULES BIOLOGIQUES AU MOYEN DE FINES COUCHES
- (71) GENORX, INC. [US/US]; 3477 Investment Boulevard, Suite 3, Hayward, CA 94545 (US).
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- (72, 75) PISHARODY, Sobha, M. [US/US]; 20350 Glenwood Drive, Castro Valley, CA 94552 (US). KUNWAR, Sandeep [US/US]; 3366 Oak Knoll Drive, Redwood City, CA 94062 (US). MATHAI, George, T. [US/US]; 23050 Glenwood Drive, Castro Valley, CA 94552 (US).
- (74) ANTLER, Adriane M. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, New York 10036-2711 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 C12Q
- (11) WO 03/042398 (13) A2
- (21) PCT/US02/35864
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 10/010,949 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MULTIPLEXED ANALYSIS BY CHROMATOGRAPHIC SEPARATION OF MOLECULAR TAGS
- ANALYSE MULTIPLEXEE PAR SEPARATION CHROMATOGRAPHIQUE D'ETIQUETTES MOLECULAIRES
- (71) ACLARA BIOSCIENCES, INC. [US/US]; 1288 Pear Avenue, Mountain View, CA 94043 (US).
- (72) CHENNA, Ahmed; 1068 W. McKinley Avenue, Sunnyvale, CA 94086 (US). MATRAY, Tracy; 674 Hacienda Avenue, San Lorenzo, CA 94580 (US). HERNANDEZ, Vincent; 1158 Highway 9, Brookdale, CA 95007 (US). HOOPER, Herbert; 22 Westgate Road, Wellesley, MA 02481 (US). SINGH, Sharat; 3420 Royal Meadow Lane, San Jose, CA 95135 (US).
- (74) MACEVICZ, Stephen; Aclara Biosciences, Inc., 1288 Pear Avenue, Mountain View, CA 94043 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12Q
- (11) WO 03/042396 (13) A2
- (21) PCT/US02/18319
- (22) 10 Jun/juin 2002 (10.06.2002)
- (71) THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA [US/US]; Suite 200, 3160 Chestnut Street, Philadelphia, PA 19104 (US).
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- (74) KODROFF, Cathy, A. et al. / etc.; Howson & Howson, Spring House Corporate Center, P.O. Box 457, Spring House, PA 19477 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ C12Q

(11) WO 03/042399 (13) A2

(21) PCT/US02/35887

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 60/354,150 13 Nov/nov 2001 US (13.11.2001)

(30) 0206891.4 22 Mar/mar 2002 GB (22.03.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A NUCLEIC ACID ENCODING A G-PROTEIN-COUPLED RECEPTOR, AND USES THEREOF

• ACIDE NUCLEIQUE CODANT UN RE-CEPTEUR COUPLE A LA PROTEINE G ET UTILISATIONS DE CE DERNIER

(71) AVENTIS PHARMACEUTICALS INC. [US/US]; 300 Somerset Corporate Boulevard, Bridgewater, NJ 08807-2854 (US).

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(72, 75) EISHINGDRELO, Haifeng [US/US]; 17 Fletcher Drive, Montville, NJ 07045 (US).

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GASSENHUBER, Johann [DE/DE]; Emanuel Geibel Str 8, 65185 Wiesbaden (DE).

(74) KRUPEN, Karen, I. et al. / etc.; AVEN- TIS PHARMACEUTICALS INC., P. O. Box 6800, Route 202-206, Bridgewater, NJ 08807-0800 (US).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C12Q

(11) WO 03/042400 (13) A2

(21) PCT/US02/35933

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 60/345,395 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHODS AND COMPOSITIONS FOR REGULATING MULTI-DRUG RESIS- TANCE-ASSOCIATED PROTEIN 2

• METHODES ET COMPOSITIONS DES- TINEES A REGULER LA PROTEINE DE RESISTANCE PLEIOTROPIQUE 2

(71) SMITHKLINE BEECHAM CORPO- RATION [US/US]; One Franklin Plaza, Philadelphia, PA 19101 (US). THE RE- GENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607 (US).

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(72, 75) EDWARDS, Peter, Anthony [US/US]; 10557 Ilona Avenue, Los Angeles, CA 90064 (US).

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KAST, Heidi, Rachelle [US/US]; 11318 Ohio Avenue #9, Los Angeles, CA 90025 (US).

(74) LEVY, David, J. et al. / etc.; GlaxoSmithK- line, Five Moore Drive, PO Box 13398, Re- search Triangle Park, NC 27709 (US).

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

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

(74) LEVY, David, J. et al. / etc.; GlaxoSmithK- line, Five Moore Drive, PO Box 13398, Re- search Triangle Park, NC 27709 (US).

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

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

(51)⁷ C12Q

(11) WO 03/042401 (13) A2

(21) PCT/US02/36499

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 60/332,980 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • NOVEL CHROMOPHORES/FLUO- ROPHORES AND METHODS FOR USING THE SAME

• NOUVEAUX CHROMO- PHORES/FLUOROPHORES ET LEURS PROCEDES D'UTILISATION

(71) CLONTECH LABORATORIES, INC. [US/US]; 1020 East Meadow Circle, Palo Alto, CA 94303 (US).

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(72, 75) LABAS, Yulii, Aleksandrovich [RU/RU]; ul. Generala Tyuleneva d.35 kv. 416, 117465 Moscow (RU).

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MATZ, Mikhail, Vladimirovich [US/RU]; ul. Teplii stan d.7/2 kv.28, 117465 Moscow (RU).

(74) FIELD, Bret, E.; Bozicevic, Field & Fran- cis, L.L.P., 200 Middlefield Road, Suite 200, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C12Q

(11) WO 03/042402 (13) A2

(21) PCT/US02/36518

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 60/337,817 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • AGENTS THAT MODULATE IMMUNE CELL ACTIVATION AND METHODS OF USE THEREOF

• AGENTS MODULANT L'ACTIVITE DE CELLULES IMMUNES ET PROCEDES D'UTILISATION ASSOCIES

(71) DANA-FARBER CANCER INSTITUTE, INC. [US/US]; 44 Binney Street, Boston, MA 02115 (US).

BRIGHAM AND WOMEN'S HOSPITAL [US/US]; 75 Francis Street, Boston, MA 02115 (US).

(72) FREEMAN, Gordon, J.; 305 Walnut Street, Brookline, MA 02445 (US).

SHARPE, Ar- lene, H.; 305 Walnut Street, Brookline, MA 02445 (US).

BUHLMAN, Janet; 228 Kel- ton Street, Apt. 5, Allston, MA 02134 (US).

MANDELROT, Didier; 50 Carver Road, Newton, MA 02158 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

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

(51)⁷ C12Q

(11) WO 03/042403 (13) A2

(21) PCT/US02/36630

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

- (30) 60/336,445 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • BIOCHIPS FOR CHARACTERIZING BIOLOGICAL PROCESSES
• BIOPUCES DESTINEES A LA CARACTERISATION DE PROCESSUS BIOLOGIQUES
- (71) ARRAY BIOSCIENCE CORPORATION [US/US]; 4703 Tidewater Avenue, Suite F, Oakland, CA 94601 (US).
- (72) KREIMER, David, I.; 1831 Dwight Way, Berkeley, CA 94703 (US). NUFERT, Thomas, H.; 2633 F Oak Road, Walnut Creek, CA 94546 (US). GINZBURG, Lev; 37914 Lavender Common, Fremont, CA 94536 (US). YEVIN, Oleg, A.; 1364 Creekside Drive, Apartment 204, Walnut Creek, CA 94596 (US).
- (74) MEYER, Sheldon, R. et al. / etc.; Fliesler Dubb Meyer & Lovejoy LLP, Four Embarcadero Center, Suite 400, San Francisco, CA 94111-4156 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12Q
- (11) WO 03/042404 (13) A2
- (21) PCT/US02/36632
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/338,037 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • BREAST CANCER ERADICATION PROGRAM
• PROGRAMME D'ERADICATION DU CANCER DU SEIN
- (71, 72) SIRBASKU, David, A. [US/US]; 4315 Lago Viento, Austin, TX 79734-1906 (US).
- (74) CONLEY ROSE & TAYON, P.C. et al. / etc.; P.O. Box 3267, Houston, TX 77253-3267 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12Q
- (11) WO 03/042406 (13) A2
- (21) PCT/EP02/12642
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) de (26) de
- (30) 101 55 185.1 12 Nov/nov 2001 DE (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR CHARACTERISING AND/OR IDENTIFYING ACTIVE MECHANISMS OF ANTIMICROBIAL TEST SUBSTANCES
• PROCEDE DE CARACTERISATION ET/OU D'IDENTIFICATION DE MECANISMES D'ACTION DE SUBSTANCES D'ESSAI ANTI-BACTERIENNES
- (71) SYNTHON KG [DE/DE]; Karl-Christ-Str. 39, 69118 Heidelberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LABISCHINSKI, Harald [DE/DE]; Katernberger Schulweg 80, 42113 Wuppertal (DE). SCHIFFER, Guido [DE/DE]; Bökenbusch Str. 50A, 42555 Velbert-Langenberg (DE). SCHMITT, Jürgen [DE/DE]; Karl-Christ-Strasse 39, 69118 Heidelberg (DE). UDELHOVEN, Thomas [DE/DE]; Jacob-Kneip-Strasse 21, 54296 Trier (DE).
- (74) ISENBRUCK, Günter; 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(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 SC SD SE SG SI SK SL TJ TM TN 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ C12Q 1/68
- (11) WO 03/042407 (13) A2
- (21) PCT/EP02/12669
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 01127195.4 16 Nov/nov 2001 EP (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR IDENTIFYING THERAPEUTIC TARGETS BY USE OF GENETIC SCREENS IN DROSOPHILA MELANOGASTER
• METHODE DESTINEE A IDENTIFIER DES CIBLES THERAPEUTIQUES A

L'AIDE DE CRIBLES GENETIQUES
DANS DROSOPHILA MELANOGAS-
TER

(71) **BOEHRINGER INGELHEIM INTERNATIONAL GMBH** [DE/DE]; CD Patents, Binger Strasse 173, 55216 Ingelheim am Rhein (DE).

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(72, 75) **DICKSON, Barry** [AU/AT]; Schwindgasse 19/23, A-1040 Vienna (AT). **BERGER, Juerg** [CH/AT]; Zieglergasse 43/5, A-1070 Vienna (AT). **SUZUKI, Takashi** [JP/AT]; Hegergasse 2/9, A-1030 Vienna (AT). **KNOBLICH, Juergen** [DE/AT]; Dannebergplatz 20/10, A-1030 Vienna (AT).

(74) **HAMMAN, Heinz**; Boehringer Ingelheim GMBH, Binger Strasse 173, 55216 Ingelheim (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ C12Q 1/68

(11) **WO 03/042408** (13) A2

(21) PCT/GB02/05103

(22) **12 Nov/nov 2002 (12.11.2002)**

(25) en (26) en

(30) 0127213.7 **12 Nov/nov 2001 GB (12.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR DETECTING GROWTH HORMONE VARIATIONS IN HUMANS, THE VARIATIONS AND THEIR USES

• METHODE DE DETECTION DES VARIATIONS DE L'HORMONE DE CROISSANCE CHEZ LES ETRES HUMAINS, CES VARIATIONS ET LEURS UTILISATIONS

(71) **UNIVERSITY OF WALES COLLEGE OF MEDICINE** [GB/GB]; Heath Park, Cardiff CF4 4XN (GB).

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(72, 75) **COOPER, David, Neil** [GB/GB]; Department of Medical Genetics, University of Wales College of Medicine, Heath Park, Cardiff CF14 4XN (GB). **PROCTER, Anne, Marie** [GB/GB]; Department of Medical Genetics, University of Wales College of Medicine, Heath Park, Cardiff CF14 4XN (GB). **GREGORY, John** [GB/GB]; Department of Medical Genetics, University of Wales College of Medicine, Heath Park, Cardiff CF14 4XN (GB). **MILLAR, David, Stuart** [GB/GB]; Department of Medical Genetics, University of Wales College of

Medicine, Heath Park, Cardiff CF14 4XN (GB).

(74) **NEWELL, William, Joseph et al.** / etc.; Wynee-Jones, Laine & James, Morgan Arcade Chambers, 33 St Mary Street, Cardiff CF10 1AF (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C12Q 1/68

(11) **WO 03/042409** (13) A2

(21) PCT/IT02/00729

(22) **15 Nov/nov 2002 (15.11.2002)**

(25) it (26) en

(30) TO01A001077 **16 Nov/nov 2001 IT (16.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • MUTATIONS OF THE GERMINAL LINE IN THE GENE PROMOTER OF E-CADHERINE AND DIAGNOSIS METHOD TO IDENTIFY GREATER SUCEPTIBILITY TO GASTRIC CARCINOMA

• MUTATION DE LA LIGNE GERMINALE DANS LE PROMOTEUR GENIQUE DE LA CADHERINE E ET METHODE DE DIAGNOSTIC D'IDENTIFICATION D'UNE SENSIBILITE ACCRUE A LA CARCINOME GASTRIQUE

(71) **UNIVERSITA' DEGLI STUDI DI URBINO** [IT/IT]; Via Saffi, 2, I-61029 Urbino (IT).

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(72, 75) **MAGNANI, Mauro** [IT/IT]; Università' Degli Studi di Urbino, Via Saffi, 2, I-61029 Urbino (IT). **GRAZIANO, Francesco** [IT/IT]; Università' Degli Studi di Urbino, Via Saffi, 2, I-61029 Urbino (IT). **RUZZO, Annamaria** [IT/IT]; Università' Degli Studi Di Urbino, Via Saffi, 2, I-61029 Urbino (IT).

(74) **JORIO, Paolo et al.** / etc.; Studio Torta S.r.l., Via Viotti, 9, I-10121 Torino (IT).

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

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

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

(51)⁷ C12Q 1/68

(11) **WO 03/042410** (13) A1

(21) PCT/KR02/02035

(22) **31 Oct/oct 2002 (31.10.2002)**

(25) en (26) en

(30) 2001/69955 **10 Nov/nov 2001 KR (10.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • APPARATUS FOR CIRCULATING CARRIER FLUID

• APPAREIL DESTINE A FAIRE CIRCULER UN FLUIDE PORTEUR

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416 Maetan-dong, Paldal-gu, Suwon-city, 442-373 Gyeonggi-do (KR).

(72) **OH, Kwang-Wook**; 106-902 Cheongso Maoul, Younngam Apt., 177, Geumgok-dong, Bundang-gu, Seongnam-si, 463-719 Gyeonggi-do (KR). **LIM, Geun-Bae**; 232-1205 Hwanggol Maoul, Poonglim Apt., 1053-2, Youngtong-dong, Paldal-gu, Suwon-si, 449-900 Gyeonggi-do (KR). **LEE, Young-Sun**; Samsung Advanced Institute, of Technology, San 14-1 Nongseo-ri, Kiheung-eub, Yongin-si, 449-712 Gyeonggi-do (KR). **CHO, Yoon-Kyoung**; 203-1605 Hwanggol Maoul, Sinmyeong Apt., 1054-3, Youngtong-dong, Paldal-gu, Suwon-si, 442-470 Gyeonggi-do (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C12Q 1/68, C12N 5/10

(11) **WO 03/042411** (13) A2

(21) PCT/US01/29631

(22) **3 Oct/oct 2000 (03.10.2000)**

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • MUTATION OF MEC-1 RELATED GENES IN THE TREATMENT FOR DISEASE

• MUTATION DE GENES LIES A MEC-1 DANS LE TRAITEMENT DE MALADIES

(71) **FRED HUTCHINSON CANCER RESEARCH CENTER** [US/US]; 1100 Fairview Avenue N., Seattle, WA 98109 (US).

(74) **VILLACORTO, Gilberto, M. et al.** / etc.; Pepper Hamilton LLP, 600 Fourteenth Street N.W., Washington, DC 20005-2004 (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 KR KZ LC LK LR LS LT LU LV MA MD MG 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); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ C12R 1/19, C12N 15/70, 15/68

- (11) WO 03/042412 (13) A1
- (21) PCT/EP02/11979
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) en (26) en
- (30) 101 55 928.3 15 Nov/nov 2001 DE (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • RECA-NEGATIVE AND RHAB-NEGATIVE MICROORGANISM
• MICRO-ORGANISMES RECA-NEGATIFS ET RHAB-NEGATIFS
- (71) DEGUSSA AG [DE/DE]; Bennisgenplatz 1, 40474 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAY, Oliver [DE/DE]; Am Rebenborn 17A, 60388 Frankfurt (DE). LIEBETON, Klaus [DE/DE]; Heinrichstrasse 2a, 64673 Zwingenberg (DE). ECK, Jürgen [DE/DE]; Jakobsweg 48, 64625 Bensheim (DE).
- (74) DEGUSSA AG; Intellectual Property Management, Patents and Trademarks, Standort Hanau, Postfach 1345, 63403 Hanau (DE).
- (81) CA CN HR IL IN JP SG US YU.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C14C 1/00, D06M 17/00, C07K 1/00, 14/00, 16/00, 17/00

- (11) WO 03/042413 (13) A1
- (21) PCT/US02/33703
- (22) 22 Oct/oct 2002 (22.10.2002)
- (25) en (26) en
- (30) 60/346,046 23 Oct/oct 2001 US (23.10.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND COMPOSITIONS FOR PROCESSING POULTRY FEATHERS
• PROCEDE ET COMPOSITIONS PERMETTANT DE TRAITER DES PLUMES DE VOLAILLE
- (71) STEEN RESEARCH, LLC [US/US]; 109 More Creek Road, Santa Cruz, CA 95060 (US).
- (72) STOLTZ, Michael, J.; 144 Red Fox Drive, Duncansville, PA 16635 (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C14C 3/32

- (11) WO 03/042414 (13) A1
- (21) PCT/IB02/04729
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) it (26) en
- (30) RM2001A000671 12 Nov/nov 2001 IT (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CHROME-BASED PRODUCT IN A HYDROLYZED PROTEIC COMPOUND AND PROCESS FOR THE MAKING THEREOF
• PRODUIT A BASE DE CHROME DANS UN COMPOSE PROTEIQUE HYDROLYSE ET PROCEDE DE FABRICATION DE CELUI-CI
- (71) SICIT CHEMITECH S.P.A. [IT/IT]; Via Arzignano 80, I-36072 Chiampo (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CANDIDO, Manuela, Cinzia [IT/IT]; c/o Sicit Chemitech S.p.A., Via Arzignano 80, I-36072 Chiampo (IT). NERESINI, Massimo [IT/IT]; c/o Sicit Chemitech S.p.A., Via Arzignano 80, 36072 Chiampo (IT).
- (74) LEONE, Mario et al. / etc.; Società Italiana Brevetti, Piazza di Pietra, 39, I-00186 Rome (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C21B 13/10

- (11) WO 03/042415 (13) A1
- (21) PCT/JP02/11085
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) ja (26) ja
- (30) 2001/346675 12 Nov/nov 2001 JP (12.11.2001)
- (30) 2002/243385 23 Aug/août 2002 JP (23.08.2002)

- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR PRODUCING METALLIC IRON
• PROCEDE DE PRODUCTION DE FER METALLIQUE
- (71) KABUSHIKI KAISHA KOBE SEIKO SHO [JP/JP]; 10-26, Wakinohamacho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIKUCHI, Shoichi [JP/JP]; c/o Kobe Corporate Research Laboratories in KABUSHIKI KAISHA KOBE SEIKO SHO, 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 (JP).
- (74) KOTANI, Etsuji et al. / etc.; Nichimen Building 2nd Floor, 2-2, Nakanoshima 2-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C21D 8/12

- (11) WO 03/042416 (13) A1
- (21) PCT/EP02/12754
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) de (26) de
- (30) 101 56 059.1 16 Nov/nov 2001 DE (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR THE PRODUCTION OF MAGNETIC SHEET WITH NON-ORIENTED GRANULARITY
• PROCEDE POUR PRODUIRE UNE TOLE MAGNETIQUE A GRAINS NON ORIENTES
- (71) THYSSENKRUPP ELECTRICAL STEEL EBG GMBH [DE/DE]; Castropfer Strasse 228, 44791 Bochum (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FISCHER, Olaf [DE/DE]; Hattingerstrasse 689, 44879 Bochum (DE). FRIEDRICH, Karl, Ernst [DE/DE]; Ehrenmalstrasse 32, 47447 Moers (DE). RASIM, Wolfgang [DE/DE]; Zur Bahn 2a, 46509 Xanten (DE). SCHNEIDER, Jürgen [DE/DE]; Ederstrasse 26, 44807 Bochum (DE). WUPPERMANN, Carl-Dieter [DE/DE]; Deussstrasse 26 c, 47803 Krefeld (DE).
- (74) COHAUSZ & FLORACK; Kanzlerstrasse 8a, 40472 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C22B 9/00

(11) WO 03/042417 (13) A1

(21) PCT/US02/33715

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 09/987,323 14 Nov/nov 2001 US
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SHAFT FURNACE METAL MELTING
SYSTEM

• SYSTEME DE FUSION METALLIQUE
DE FOUR A CUVE

(71) PRAXAIR TECHNOLOGY, INC.
[US/US]; 39 Old Ridgebury Road, Dan-
bury, CT 06810-5113 (US).

(72) LI, Xueping; 126 Mitchell Road, Somers,
NY 10589 (US).

(74) KTORIDES, Stanley 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 TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C22C 1/00, 21/00, C22B 4/06

(11) WO 03/042418 (13) A1

(21) PCT/RU01/00475

(22) 12 Nov/nov 2001 (12.11.2001)

(25) ru (26) ru

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PRODUCING AN ALU-
MINIUM-SCANDIUM FOUNDRY AL-
LOY AND A FLUX FOR PRODUC-
ING SAID ALUMINIUM-SCANDIUM
FOUNDRY ALLOY

• PROCEDE DE FABRICATION D'UN
ALLIAGE DE FONDERIE ALIMU-
NIUM-SCANDIUM ET FONDANT
DESTINE A LA FABRICATION D'UN
ALLIAGE DE FONDERIE ALIMU-
NIUM-SCANDIUM

(71, 72) MAKHOV, Sergei Vladimirovich
[RU/RU]; ul. Sadovo-Kudrinskaya, 8/12-17,
Moscow, 103001 (RU).

(72, 75) MOSKVITIN, Vladimir Ivanovich
[RU/RU]; Frunzenskaya nab., 50-587,
Moscow, 119270 (RU).

(74) KORNIENKO, Elena Viktorovna; ul. Kar-
gopolskaya, 12-60, Moscow, 127562 (RU).

(81) JP RU US.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C22C 1/10, 32/00, 33/08, C01B 31/30,
31/34

(11) WO 03/042419 (13) A1

(21) PCT/ES01/00430

(22) 13 Nov/nov 2001 (13.11.2001)

(25) es (26) es

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD OF PRODUCING PROD-
UCTS MADE FROM CARBIDE-RE-
INFORCED, STRUCTURAL METAL
MATERIALS

• FABRICATION DE PRODUITS EN
MATIERES METALLIQUES STRUC-
TURALES RENFORCEES PAR DES
CARBURES

(71) FUNDACION INASMET [ES/ES]; c/
Mikeletegi Pasealekua, 2, Parque Tecnológico
Miramon, E-20009 San Sebastian (ES).

(72, 75) ERAUSKIN LOPETEGUI, Ignacio
[ES/ES]; Fundacion Inasmet, Mikeletegi
Pasealekua, 2, Parque Tecnológico Miramon,
E-20009 San Sebastian (ES). GUTIERREZ
STAMPA, Manuel [ES/ES]; Fundacion
Inasmet, Mikeletegi Pasealekua, 2, Par-
que Tecnológico Miramon, E-20009 San
Sebastian (ES). AGOTE BELOKI, Inigo
[ES/ES]; Fundacion Inasmet, Mikeletegi
Pasealekua, 2, Parque Tecnológico Miramon,
E-20009 San Sebastian (ES). ORBEGOZO
IBARGUREN, Manuel [ES/ES]; Fundacion
Inasmet, Mikeletegi Pasealekua, 2, Parque
Tecnológico Miramon, E-20009 San Sebas-
tian (ES).

(74) CARPINTERO LOPEZ, Francisco; Her-
rero & 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 PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU 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 38/00

(11) WO 03/042420 (13) A1

(21) PCT/KR01/01957

(22) 16 Nov/nov 2001 (16.11.2001)

(25) ko (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • STEEL PLATE HAVING SUPERIOR
TOUGHNESS IN WELD HEAT-AF-
FECTED ZONE AND METHOD FOR
MANUFACTURING THE SAME,
WELDING FABRIC USING THE SAME

• PLAQUE D'ACIER POSSEDANT UNE
TENACITE SUPERIEURE DANS LA

ZONE AFFECTEE PAR LE SOUDAGE
ET PROCEDE DE FABRICATION DE
CETTE PLAQUE, STRUCTURE DE
SOUDAGE UTILISANT CE PROCEDE

(71) POSCO [KR/KR]; 1 Koedong-dong,
Nam-ku, Pohang-si 790-300, Kyung-
sang-book-do (KR).

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

(72, 75) JEONG, Hong-Chul [KR/KR]; c/o
Posco, 1 Koedong-dong, Nam-ku, Pohang-si
790-300, Kyung-sang-book-do (KR). CHOI,
Hae-Chang [KR/KR]; c/o Posco, 1 Koe-
dong-dong, Nam-ku, Pohang-si 790-300,
Kyung-sang-book-do (KR).

(74) SON, Won; C & S Patent and Law Office,
C-2306 Daelim Acrotel, 467-6 Dogok-dong,
Gangnam-ku, Seoul 135-270 (KR).

(81) CN JP US.

(84) EP (DE FR GB).

(51)⁷ C22F 1/04, C22C 21/00

(11) WO 03/042421 (13) A1

(21) PCT/US02/33680

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 10/054,345 13 Nov/nov 2001 US
(13.11.2001)

(30) 10/219,756 16 Aug/août 2002 US
(16.08.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • HIGH-PURITY ALUMINIUM SPUTTER
TARGETS

• CIBLES DE PULVERISATION D'ALU-
MINIUM DE GRANDE PURETE

(71) PRAXAIR S.T. TECHNOLOGY, INC.
[US/US]; 441 Sackett Point Road, North
Haven, CT 06473 (US).

(72) PERRY, Andrew, C.; 880 Lotus Avenue,
Oradell, NJ 07649 (US). GILMAN, Paul, S.;
5 Marget Ann Lane, Suffern, NY 10901 (US).
HUNT, Thomas, J.; 891 Lockwood Drive,
Peekskill, NY 10566 (US).

(74) TRINKER, Steven, T. 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 TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ C23C 4/06, 4/08

(11) WO 03/042422 (13) A1

(21) PCT/SE02/00943

(22) 17 May/mai 2002 (17.05.2002)

(25) en (26) en

(30) 0101776-3 18 May/mai 2001 SE
(18.05.2001)

- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METAL POWDER FOR THERMAL COATING OF SUBSTRATES
• POUDRE METALLIQUE POUR LE REVETEMENT DE SUBSTRATS PAR UN PROCEDE THERMIQUE
- (71) HÖGANÄS AB [SE/SE]; S-263 83 Höganäs (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOLMQVIST, Ulf [SE/US]; 1765 Arden Lane, Bethlehem, PA 18015 (US). HAL- LÉN, Hans [SE/BE]; Avenue 21 Manoir, Rhode-Saint-Genese, B-1640 Waterloo (BE).
- (74) AWAPATENT AB; Box 5117, S-200 71 Malmö (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
- Declaration / Déclaration :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN 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 C23C 14/34, 14/35, 14/56
- (11) WO 03/042423 (13) A1
- (21) PCT/GB02/05139
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 0127251.7 13 Nov/nov 2001 GB (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • APPARATUS
• APPAREIL
- (71) NORDIKO LIMITED [GB/GB]; Hayward Business Centre, New Lane, Havant, Hampshire PO9 2NL (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DAVIS, Mervyn, Howard [GB/GB]; Greenbanks, Crooked Lane, Birdham, Chichester, West Sussex PO20 7HB (GB).
- (74) SMAGGASGALE, Gillian, Helen; W.P. Thompson & Co., Celcon House, 289-293 High Holborn, London WC1V 7HU (GB).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- (51)⁷ C23C 14/34, 14/35, C25D 5/02
- (11) WO 03/042424 (13) A1
- (21) PCT/US02/36940
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (30) 09/993,543 14 Nov/nov 2001 US (14.11.2001)
- (30) 60/342,608 21 Dec/déc 2001 US (21.12.2001)
- (30) 10/202,778 25 Jul/juil 2002 US (25.07.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SELF-IONIZED AND INDUC- TIVELY-COUPLED PLASMA FOR SPUTTERING AND RESPUTTERING
• PLASMA AUTO-IONISE ET A COU- PLAGE INDUCTIF DESTINE A UNE PULVERISATION ET A UNE REPUL- VERISATION
- (63) US 09/685,978 (CIP)
10 Oct/oct 2000 (10.10.2000)
US 10/202,778 (CIP)
25 Jul/juil 2002 (25.07.2002)
US 09/993,543 (CIP)
14 Nov/nov 2001 (14.11.2001)
- (71) APPLIED MATERIALS, INC. [US/US]; P.O. Box 450A, Santa Clara, CA 95052 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DING, Peijun [US/US]; 30397 Seagull Way, Saratoga, CA 95070 (US). TAO, Rong [CN/US]; 1131 Arlington Lane, San Jose, CA 95129 (US). XU, Zheng [US/US]; 279 Hudson Bay Street, Foster City, CA 94404 (US). LUBBEN, Daniel, C. [US/US]; 6614 Mt. Holly Drive, San Jose, CA 95120 (US). RENGARAJAN, Suraj [IN/US]; 4819 Miramar Avenue, San Jose, CA 95129 (US). MILLER, Michael, A. [US/US]; 860 Williams Way, #2, Mountain View, CA 94040 (US). SUNDARRAJAN, Arvind [IN/US]; 2200 Monroe Street, #408, Santa Clara, CA 95050 (US). TANG, Xianmin [CN/US]; 1600 Petersen Avenue, Apt. 10, San Jose, CA 95129 (US). FORSTER, John, C. [US/US]; 465 10th Street #205, San Francisco, CA 94103 (US). FU, Jianming [CN/US]; 978 Clara Drive, Palo Alto, CA 94303 (US). MOSELY, Roderick, C. [US/US]; 4337 Diavila Avenue, Pleasanton, CA 94588 (US). CHEN, Fusen [US/US]; 784 Dartshire Way, Sunnyvale, CA 94087 (US). GOPALRAJA, Praburam [IN/US]; 1305 Tea Rose Circle, San Jose, CA 95131 (US).
- (74) KONRAD, William, K. et al. / etc.; Konrad, Raynes, Victor & Mann, LLP, 315 S. Beverly Drive, Suite 210, Beverly Hills, CA 90212 (US).
- (81) CN JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Declaration / Déclaration :
- (u) for / pour US only / seulement
- (51)⁷ C23C 22/64, 22/78, 22/83, H01G 9/052, 9/04, 9/07
- (11) WO 03/042425 (13) A1
- (21) PCT/JP02/11691
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) ja (26) ja
- (30) 2001-345815 12 Nov/nov 2001 JP (12.11.2001)
- (30) 2001-345875 12 Nov/nov 2001 JP (12.11.2001)
- (30) 2001-345883 12 Nov/nov 2001 JP (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • COMPOSITE TITANIUM OXIDE FILM AND METHOD FOR FORMATION THEREOF AND TITANIUM ELECTROLYTIC CAPACITOR
• FILM D'OXYDE DE TITANE COM- POSITE, PROCEDE DE PRODUCTION ASSOCIE ET CONDENSATEUR ELEC- TROLYTIQUE DE TITANE
- (71) TOHO TITANIUM CO., LTD. [JP/JP]; 3-5, Chigasaki 3-chome, Chigasaki-shi, Kanagawa 253-8510 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ARAI, Yoshiyuki [JP/JP]; c/o TOHO TITANIUM CO., LTD., 3-5, Chigasaki 3-chome, Chigasaki-shi, Kanagawa 253-8510 (JP).
- (74) KURAUCHI, Motohiro et al. / etc.; Yushi Kogyo Kaikan, 13-11, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- (51)⁷ C23C 22/77
- (11) WO 03/042426 (13) A2
- (21) PCT/EP02/12304
- (22) 5 Nov/nov 2002 (05.11.2002)
- (25) de (26) de
- (30) 101 55 976.3 14 Nov/nov 2001 DE (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • REGULATION OF THE ACCELER- ATOR CONCENTRATION IN PHOS- PHATING BATHS
• REGULATION DE LA CONCENTRA- TION D'ACCELERATEUR DANS DES BAINS DE PHOSPHATATION
- (71) HENKEL KOMMANDITGE- SELLSCHAFT AUF AKTIEN [DE/DE]; Henkelstr. 67, 40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DRONIOU, Patrick [FR/DE]; Hügelstr. 32, 40589 Düsseldorf (DE).
- (81) AU BR BY CA CN HU ID IN JP KR MX NO NZ PH PL RO RU SG SI UA US UZ VN YU ZA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ C23C 26/00
(11) WO 03/042427 (13) A1
(21) PCT/JP02/11874
(22) 14 Nov/nov 2002 (14.11.2002)
(25) ja (26) ja
(30) 2001-348598 14 Nov/nov 2001 JP
(14.11.2001)
(30) 2001-348886 14 Nov/nov 2001 JP
(14.11.2001)
(30) 2002-325087 8 Nov/nov 2002 JP
(08.11.2002)
(30) 2002-325088 8 Nov/nov 2002 JP
(08.11.2002)
(43) 22 May/mai 2003 (22.05.2003)
(54) • SURFACE-TREATED METAL SHEET AND SURFACE-TREATING AGENT
• FEUILLE METALLIQUE TRAITEE EN SURFACE ET AGENT DE TRAITEMENT DE LA SURFACE
(71) KAWASAKI STEEL CORPORATION [JP/JP]; 1-28, Kitahonmachi-dori 1-chome, Chuo-ku, Kobe-shi, Hyogo 651-0075 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) UMINO, Shigeru [JP/JP]; c/o Technical Research Laboratories, Kawasaki Steel Corporation, 1, Kawasaki-cho, Chiba-shi, Chiba 260-0835 (JP). OGATA, Hiroyuki [JP/JP]; c/o Technical Research Laboratories, Kawasaki Steel Corporation, 1, Kawasaki-cho, Chiba-shi, Chiba 260-0835 (JP).
(74) WATANABE, Mochitoshi et al. / etc.; Hayakawa-tonakai Bldg. 3F, 12-5, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 101-0032 (JP).
(81) CA CN KR MX US.
(84) EP (AT BE DE ES FR GB IT NL).
(51)⁷ C23F 11/10, E21B 41/02
(11) WO 03/042428 (13) A1
(21) PCT/EP02/12372
(22) 6 Nov/nov 2002 (06.11.2002)
(25) de (26) de
(30) 101 55665.9 13 Nov/nov 2001 DE
(13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD FOR PROTECTING METAL SURFACES AGAINST CORROSION IN LIQUID OR GASEOUS MEDIA II
• PROCEDE DE PROTECTION ANTICORROSION DE SURFACES METALLIQUES EN MILIEU LIQUIDE OU GAZEUX II
(71) COGNIS DEUTCHLAND GMBH & CO. KG [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BREUER, Wolfgang [DE/DE]; Clara-Schumannstr. 13, 41352 Korschenbroich (DE). SCHÜTZ, Robert [DE/DE]; Westring 82, D-47918 Tönisvorst (DE).
(81) CA NO US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
Declaration / Déclaration :
(i) for the following designations / pour les désignations suivantes : CA NO EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
(51)⁷ C23F 13/16
(11) WO 03/042429 (13) A1
(21) PCT/MX02/00099
(22) 17 Oct/oct 2002 (17.10.2002)
(25) es (26) es
(30) 2001/012516 19 Oct/oct 2001 MX
(19.10.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • ANODES WITH MONOLITHIC PRE-PACKING, NOVEL CATHODIC PROTECTION SYSTEM THAT SAVES ELECTRICAL ENERGY AND INCREASES THE USEFUL LIFE OF SAID ANODES
• ANODES DE PRE-ENCASPSULATION MONOLITHIQUE, NOUVEAU SYSTEME DE PROTECTION CATHODIQUE EN VUE D'UNE ECONOMIE D'ENERGIE ELECTRIQUE ET AUGMENTATION DE LA VIE UTILE DES ANODES
(71) HUERTA CEBALLOS, Hector [MX/MX]; Avenida Cauhtemoc No. 700, Colonia Centro, Coatzacoalcos, Veracruz C.P. 96400 (MX).
(74) SOTO GUTIERREZ, Manuel, M.; Uhthoff, Gómez Vega & Uhthoff, S.C., Hamburgo 260, Colonia Juárez, México, D.F. C.P. 06600 (MX).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ C25B
(11) WO 03/042430 (13) A2
(21) PCT/EP02/12661
(22) 12 Nov/nov 2002 (12.11.2002)
(25) en (26) en
(30) MI2001A 002379 12 Nov/nov 2001 IT
(12.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • ELECTROLYSIS CELL WITH GAS DIFFUSION ELECTRODE
• CELLULE ELECTROLYTIQUE AVEC ELECTRODE DE DIFFUSION DU GAZ
(71) UH DENORA TECHNOLOGIES S.R.L. [IT/IT]; Via Bistolfi, 35, I-20134 Milan (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FAITA, Giuseppe [IT/IT]; Via Rivolta, 15, I-28100 Novara (IT). FEDERICO, Fulvio [IT/IT]; Via Scalabrini, 4, I-29100 Piacenza (IT).
(74) MÜLLER, J., UWE; Reitstötter, Kinzebach & Partner (GbR), Patentanwälte, Sternwartstrasse 4, 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
Declaration / Déclaration :
(u) for / pour US only / seulement
(51)⁷ C25B 1/02, 1/04, 1/06
(11) WO 03/042431 (13) A1
(21) PCT/AU02/01541
(22) 13 Nov/nov 2002 (13.11.2002)
(25) en (26) en
(30) PR 8839 13 Nov/nov 2001 AU
(13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD AND MEANS FOR HYDROGEN AND OXYGEN GENERATION
• PROCEDE ET DISPOSITIF DE PRODUCTION D'HYDROGENE ET D'OXYGENE
(71, 72) CASEY, Alan, Patrick [AU/AU]; 1 Otiose Court, Tallai, Queensland 4213 (AU). SMITH, Stewart [AU/AU]; 7 Koda Court, Bonogin, Queensland 4213 (AU).
(74) SCHILLING, Frederick, Lyle; DAVIES COLLISON CAVE, Level 10, 10 Barrack 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ C25B 1/02, B01D 19/00, A62B 7/04
(11) WO 03/042432 (13) A1
(21) PCT/US02/36228
(22) 12 Nov/nov 2002 (12.11.2002)
(25) en (26) en
(30) 60/338,198 13 Nov/nov 2001 US
(13.11.2001)
(30) Not furnished / non communiqué 12 Nov/nov 2002 US
(12.11.2002)

- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DEVICE AND METHOD FOR EXCHANGING OXYGEN AND CARBON DIOXIDE BETWEEN A GAS AND AN AQUEOUS LIQUID
- DISPOSITIF ET PROCÉDE D'ÉCHANGE D'OXYGÈNE ET DE DIOXYDE DE CARBONE ENTRE UN GAZ ET UN LIQUIDE AQUEUX
- (71, 72) VAN HORNE, William, J. [US/US]; 1516 10th Street, Boulder, CO 80302 (US). KRING, Kerry [US/US]; 945 University Avenue, Boulder, CO 80302 (US).
- (74) COOLEY GODWARD LLP; One Freedom Square-Reston Town Center, 11951 Freedom Drive, Reston, VA 20190-5656 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C25B 9/00, C25D 7/12, 17/00, C25F 3/30, 7/00
- (11) WO 03/042433 (13) A1
- (21) PCT/US02/36567
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/332,417 13 Nov/nov 2001 US (13.11.2001)
- (30) 60/372,567 14 Apr/avr 2002 US (14.04.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ELECTROPOLISHING ASSEMBLY AND METHODS FOR ELECTROPOLISHING CONDUCTIVE LAYERS
- ENSEMBLE DE POLISSAGE ELECTROLYTIQUE ET PROCÉDES DE POLISSAGE ELECTROLYTIQUE DE COUCHES CONDUCTRICES
- (71) ACM RESEARCH, INC. [US/US]; Suite 610, 46520 Fremont Boulevard, Fremont, CA 94538 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WANG, Hui [CN/US]; 38855 Litchfield Circle, Fremont, CA 94536 (US). YIH, Peihau [—/US]; 37171 Sycamore Street #824, Newark, CA 94560 (US). AFNAN, Muhammed [US/US]; 1048 Vuelta Olives, Fremont, CA 94539 (US). NUCH, Voha [US/US]; 3855 Gardie Place, San Jose, CA 95121 (US). GUTMAN, Felix [US/US]; 5237 Mill Creek Lane, San Jose, CA 95136 (US).
- (74) YIM, Peter, J. et al. / etc.; Morrison & Forster LLP, 425 Market Street, San Francisco, CA 94105-2482 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK
- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C25D 17/00
- (11) WO 03/042434 (13) A1
- (21) PCT/JP02/11203
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) ja (26) ja
- (30) 2001/348787 14 Nov/nov 2001 JP (14.11.2001)
- (30) 2002/223712 31 Jul/juil 2002 JP (31.07.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND DEVICE FOR SURFACE TREATMENT OF TREATED OBJECT
- PROCÉDE ET DISPOSITIF DE TRAITEMENT DE SURFACE D'UN OBJET TRAITÉ
- (71) ASAHI ENGINEERING CO., LTD [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) YOSHIDA, Hideo [JP/JP]; 5-33-6, Kumegawa-machi, Higashimurayama-shi, Tokyo 189-0003 (JP).
- (72, 75) MIYATA, Seizo [JP/JP]; 18-26, Shimohoya 3-chome, Nishitokyo-shi, Tokyo 202-0004 (JP). SONE, Masato [JP/JP]; 3-11-8, Hon-machi, Koganei-shi, Tokyo 184-0004 (JP). SATO, Nobuyoshi [JP/JP]; c/o ASAHI ENGINEERING CO., LTD, 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530-0004 (JP).
- (74) CHIGIRA, Takeshi; 48-10, Higashi-ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (JP).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ C30B 35/00
- (11) WO 03/042435 (13) A1
- (21) PCT/US02/36696
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/335,496 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SYSTEM FOR INCREASING CHARGE SIZE FOR SINGLE CRYSTAL SILICON PRODUCTION
- SYSTÈME PERMETTANT D'AUGMENTER LA TAILLE D'UNE CHARGE POUR LA PRODUCTION DE SILICIUM MONOCRISTALLIN
- (71) ADVANCED SILICON MATERIALS LLC [US/US]; 3322 Road "N" N.E., Moses Lake, WA 98837-0258 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HARTMANN, Torsten, H. [US/US]; 214 Belmont, Moses Lake, WA 98837 (US). WOOD, Henry, Dare [US/US]; 2202 S. Beaumont Drive, Moses Lake, WA 98837 (US).
- (74) POLLEY, Richard, J. et al. / etc.; Klarquist Sparkman LLP, One World Trade Center, Suite 1600, 121 SW Salmon Street, Portland, OR 97204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ D01F 8/06, 6/04, 6/06, D01D 5/18
- (11) WO 03/042436 (13) A1
- (21) PCT/GB02/05119
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (30) 0127327.5 14 Nov/nov 2001 GB (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CENTRIFUGAL SPINNING PROCESS
- PROCÉDE DE FILATURE CENTRIFUGE
- (71) UNIVERSITY OF LEEDS [GB/GB]; Leeds LS2 9JT (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LAWRENCE, Carl, Anthony [GB/GB]; Delph End Farm, Wadsworth, Hebden Bridge, West Yorkshire HX7 8TE (GB). MAHMOUDI, Mohammad, Rezia [GB/GB]; 17 Moor Park Villas, Leeds, West Yorkshire LS6 4BZ (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)

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(11) WO 03/042437 (13) A2
(21) PCT/IT02/00706
(22) 8 Nov/nov 2002 (08.11.2002)
(25) it (26) en
(30) MI2001U000600 14 Nov/nov 2001 IT (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • TEXTURING AND INTERLACING MACHINE
• MACHINE A TEXTURER ET A ENTRE-CROISER
(71) GUIDICI S.P.A. [IT/IT]; Via San Galdino 6, I-23856 Sala Al Barro, Lecco (IT).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) GUIDICI, Domenico [IT/IT]; Fraz. Camporeso 7, I-23851 Galbiate, Lecco (IT).
(74) MANNUCCI, Michele et al. / etc.; Ufficio Tecn. Ing. A. Mannucci S.r.l., Via della Scala 4, I-50123 Firenze (IT).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ D03D 15/08
(11) WO 03/042438 (13) A1
(21) PCT/US02/36214
(22) 21 Oct/oct 2002 (21.10.2002)
(25) en (26) en
(30) 10/047,730 13 Nov/nov 2001 US (13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • WEFT-STRETCH WOVEN FABRIC WITH HIGH RECOVERY
• TOILE TISSEE EXTENSIBLE DANS LA TRAME A HAUTE CAPACITE DE RECUPERATION
(71) E. I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(72) COVELLI, Carmen, A.; 162 Trotters Lea Lane, Chadds Ford, PA 19317 (US).
(74) FURR, Robert, B., Jr.; E. I. DU PONT DE NEMOURS AND COMPANY, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).
(81) BR CN DE GB IN JP KR MX TR.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(11) WO 03/042439 (13) A2
(21) PCT/US02/35220

- (22) 1 Nov/nov 2002 (01.11.2002)
(25) en (26) en
(30) 10/054,411 13 Nov/nov 2001 US (13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • IMPROVED ELASTIC KNITTED BAND AND METHOD OF MANUFACTURE THEREOF
• BANDE ELASTIQUE TRICOTTEE AMELIOREE ET SON PROCEDE DE PRODUCTION
(71) ELASTIC CORPORATION OF AMERICA INC. [US/US]; 455 Highway 70 West, Columbiana, AL 35051 (US).
(72) VON FANCHER, J.; 260 Road 355, Chelsea, AL 35043 (US). PATE, Ronny; 958 Richard Porter Drive, Shelby, AL 35143 (US). DURN, Ken; 51 Town Creek Apartments, Columbiana, AL 35051 (US).
(74) GREEN, Lawrence, M.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).
(81) CA CO EC MX.

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- (51)⁷ D04B
(11) WO 03/042440 (13) A2
(21) PCT/US02/36350
(22) 13 Nov/nov 2002 (13.11.2002)
(25) en (26) en
(30) 60/322,181 14 Nov/nov 2001 US (14.11.2001)
(30) 10/277,297 22 Oct/oct 2002 US (22.10.2002)
(43) 22 May/mai 2003 (22.05.2003)
(54) • KNIT CONVOLUTE PROTECTIVE SLEEVE
• MANCHON DE PROTECTION TRICOTE ONDULE
(71) FEDERAL-MOGUL POWERTRAIN, INC. [US/US]; 241 Welsh Pool Road, Exton, PA 19341 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) AKERS, Jessica, L. [US/US]; 299 Kings Pointe Drive, Apartment 96, El Paso, TX 79912 (US). MAIDEN, Janice, R. [US/US]; 7012 Redcoat Drive, Flourtown, PA 19031 (US). WINTERS, Danny, E. [US/US]; 45 Brighton Court, Downingtown, PA 19335 (US).
(74) LINDROOTH, Charles, H., et al. / etc.; Synnvestvedt & Lechner, 2600 Aramark Tower, 1101 Market Street, Philadelphia, PA 19107-2950 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ D04B 1/04
(11) WO 03/042441 (13) A1
(21) PCT/FR02/03069
(22) 10 Sep/sep 2002 (10.09.2002)
(25) fr (26) fr
(30) 01/14780 15 Nov/nov 2001 FR (15.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • THREE-DIMENSIONAL DOUBLE-FACED FABRIC
• TRICOT DOUBLE FACE TRIDIMENSIONNEL
(71) TEXTILES ET PLASTIQUES CHOMARAT [FR/FR]; F-07160 Le Cheylard (FR). S.I.C.A.T. - SOCIETE INDUSTRIELLE DE CREATION ET APPLICATIONS TEXTILES [FR/FR]; 5 Place Croix-Paquet, F-69001 Lyon (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) GAULT, Jean-Michel [FR/FR]; Haute Croix, F-07160 Mariac (FR). VIDAL, Gérard [FR/FR]; 26 Route Salaize, F-38150 Roussillon (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ D04B 1/10
(11) WO 03/042442 (13) A1
(21) PCT/FR02/03070
(22) 10 Sep/sep 2002 (10.09.2002)
(25) fr (26) fr
(30) 01/14612 12 Nov/nov 2001 FR (12.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • JACQUARD FABRIC PRODUCED ON A WEFT KNITTING MACHINE
• TRICOT JACQUARD REALISE SUR UN METIER A MAILLES CUEILLIES
(71) TEXTILES ET PLASTIQUES CHOMARAT [FR/FR]; F-07160 Le Cheylard (FR). S.I.C.A.T. - SOCIETE INDUSTRIELLE DE CREATION ET APPLICATIONS TEXTILES [FR/FR]; 5, place Croix-Paquet, F-69001 Lyon (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) GAULT, Jean-Michel [FR/FR]; Haute Croix, F-07160 Mariac (FR). VIDAL, Gérard [FR/FR]; 26, route Salaize, F-38150 Roussillon (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ D04B 1/24

(11) WO 03/042443 (13) A1

(21) PCT/EP02/12150

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) MI2001A002402 14 Nov/nov 2001 IT (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PRODUCING A TEXTILE ARTICLE

• PROCEDE DE FABRICATION D'UN ARTICLE TEXTILE

(71) SINCRONIA S.R.L. [IT/IT]; 7 Via Mons. A. Crespi, I-22070 Appiano Gentile (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FENATI, Andrea [IT/IT]; 3 Viale Bianca Maria, I-20122 Milano (IT).

(74) KRATTER, Carlo et al. / etc.; Ing. A. Giambrocono & C. S.r.l., 19/B Via Rosolino Pilo, I-20129 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ D04H 1/00, B60R 13/02

(11) WO 03/042444 (13) A2

(21) PCT/US02/35769

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 10/040,697 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ACOUSTIC DOORLINER WITH INTEGRAL WATER BARRIER

• GARNITURE ACOUSTIQUE POUR PORTIERE, AVEC COUCHE DE PROTECTION CONTRE L'EAU INTEGREE

(71) OWENS CORNING [US/US]; One Owens Corning Parkway, Toledo, OH 43659 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STAELGRAEVE, Lee, A. [US/US]; 6683 Williams Place, Lambertville, MI 48144 (US). BLOCK, Thomas, T. [US/US]; 21 Fordney Place, Howell, MI 48843 (US). EIGEL, Dan [US/US]; 11504 Ridge Road, Louisville, KY 40223 (US).

(74) BARNES, Stephen, W. et al. / etc.; Owens Corning Science & Technology Center, 2790 Columbus Road, Building 54-1, Granville, OH 43023-1200 (US).

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

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

(51)⁷ D04H 1/70, 13/00, 1/00, E04B 1/78

(11) WO 03/042445 (13) A1

(21) PCT/EP02/12615

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 01309601.1 14 Nov/nov 2001 EP (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MINERAL FIBRE BATTS

• MATELAS EN FIBRES MINERALES

(71) ROCKWOOL INTERNATIONAL A/S [DK/DK]; 584 Hovedgaden, DK-2640 Hede-husene (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MERES, Oskar [DK/DK]; Boekkeshorrej 12, DK-2665 Vallensboek Strand (DK).

(74) GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7HL (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ D04H 13/00, B32B 7/00, A61F 13/512

(11) WO 03/042446 (13) A1

(21) PCT/US02/13530

(22) 30 Apr/avr 2002 (30.04.2002)

(25) en (26) en

(30) 09/990,787 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • COVER SHEET FOR PERSONAL CARE PRODUCTS

• COUCHE SUPERFICIELLE POUR PRODUITS DE SOINS D'HYGIENE PERSONNELLE

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) KIM, Hyung, Byum; 646, Hoge 3-Dong, Dongan-Gu, Anyang-City, Kyung Ki-Do 431-833 (KR). HWANG, Eo, Yeon; 123-53 Bukahyeon-Dong, Seodaemun-Ku, Seoul 120-191 (KR). PARK, Hyung, Woo; 602-2 Pha Jang-Dong, Jang An-Gu, Suwon-Si, Kyung Ki-Do 440-854 (KR). KANG, Eun, Jung; 807-7 dong Shindonga-apt., Bon-dong, Dongjak-gu, Seoul 156-768 (KR).

(74) FLACK, Steven, D. 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ D06F 35/00, 23/04

(11) WO 03/042447 (13) A1

(21) PCT/BR02/00150

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) PI 0105826-6 13 Nov/nov 2001 BR (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PROCESS FOR REMOVING SPOTS FROM CLOTHES IN LAUNDRY MACHINES WITH A VERTICAL SHAFT

• PROCEDE POUR ELIMINER LES TACHES DES VETEMENTS DANS DES LAVE-LINGE A ARBRE VERTICAL

(71) MULTIBRÁS S.A. ELETRODOMÉSTICOS [BR/BR]; Avenida Das Nações Unidas, 12.995 - 32º andar, 04578-000 São Paulo - SP (BR).

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

(72, 75) **BERNARDINO, Flávio, Erasmo** [BR/BR]; Rua Célio Barbosa da Silva, 415, 13564-060 São Carlos - SP (BR).

(74) **ARNAUD, Antonio, M., P. et al.** / etc.; Rua José Bonifácio, 93 - 9th floor, 01003-901 São Paulo - SP (BR).

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

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

(51)⁷ D06M 13/00

(11) WO 03/042448 (13) A2

(21) PCT/US02/37281

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 347892/01 13 Nov/nov 2001 JP (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • HEAT-SETTING METHOD
• PROCEDE DE THERMOFIXAGE

(71) **E. I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **BOLIEK, John, E.**; 3 Lawlor Court, Hockessin, DE 19707 (US).

(74) **FURR, Robert, B., Jr.**; E. I. DU PONT DE NEMOURS AND COMPANY, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) CN.

(51)⁷ D06M 15/03, C08B 37/00

(11) WO 03/042449 (13) A1

(21) PCT/EP02/12716

(22) 14 Nov/nov 2002 (14.11.2002)

(25) de (26) de

(30) 101 55 781.7 14 Nov/nov 2001 DE (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PRODUCING REACTIVE CYCLODEXTRINS, TEXTILE MATERIAL PROVIDED WITH SAME, AND USE OF SAID CYCLODEXTRIN DERIVATIVES

• PROCEDE POUR PRODUIRE DES CYCLODEXTRINES REACTIVES, MATERIAU TEXTILE POURVU DE CES DERNIERES, ET UTILISATION DESDITES CYCLODEXTRINES REACTIVES

(71) **DEUTSCHES TEXTILFORSCHUNGS ZENTRUM** [DE/DE]; Nord-West e.V., Adlerstrasse 1, 47798 Krefeld (DE).

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

(72, 75) **SCHMIDT, Andreas** [DE/DE]; Krischerstrasse 25, 40789 Monheim am Rhein (DE). **BUSCHMANN, Hans-Jürgen** [DE/DE]; Hohenzollernplatz 2, 47906 Kempen (DE). **KNITTEL, Dierk** [DE/DE]; Maybachstrasse 35, 47809 Krefeld (DE). **SCHOLLMEYER, Eckhard** [DE/DE]; An Deckers 11, 47509 Rheurdt (DE).

(74) **SCHNEIDERS & BEHRENDT**; Huesstrasse 23, 44787 Bochum (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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ D06P 1/22, 3/60, 3/85

(11) WO 03/042450 (13) A1

(21) PCT/US02/35814

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 60/345,377 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD OF CONTINUOUSLY DYEING NONWOVEN FABRICS AND THE PRODUCTS THEREOF
• PROCEDE DE TEINTURE EN CONTINUE DE TISSUS NON TISSES ET PRODUITS ASSOCIES

(71) **POLYMER GROUP, INC.** [US/US]; 4838 Jenkins Avenue, North Charleston, SC 29406 (US).

(72) **HARTGROVE, Herbert**; 8335 Highway 210 N., Angier, NC 28365 (US). **DELEON, Sergio, Diaz**; 120 Torrey Pines, Clayton, NC 27520 (US).

(74) **GEIMER, Stephen, D.**; Wood, Philips, Katz, Clark & Mortimer, Suite 3800, Citicorp Center, 500 West Madison Street, Chicago, IL 60661-2511 (US).

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

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

(51)⁷ D21C 9/00, D21J 3/00

(11) WO 03/042451 (13) A2

(21) PCT/EP02/12130

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 01850186.6 1 Nov/nov 2001 EP (01.11.2001)

(30) 60/330,849 1 Nov/nov 2001 US (01.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • LIGNOCELLULOSE PRODUCT
• PRODUIT DE LIGNOCELLULOSE

(71, 72) **WESTERMARK, Ulla** [SE/SE]; Hörnåkersvägen 45, S-183 65 TÄBY (SE). **KARLSSON, Olov** [SE/SE]; Orkestervägen 60, S-931 46 SKELLEFTEÅ (SE).

(74) **ALBIHNS STOCKHOLM AB** et al. / etc.; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ D21C 11/12

(11) WO 03/042452 (13) A1

(21) PCT/FI02/00862

(22) 5 Nov/nov 2002 (05.11.2002)

(25) fi (26) en

(30) 20012207 14 Nov/nov 2001 FI (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM FOR CONTROLLING THE FLOW PATTERN OF A RECOVERY BOILER
• SYSTEME PERMETTANT DE REGULER LE MODELE D'ECOULEMENT D'UNE CHAUDIERE DE RECUPERATION

(71) **OY POLYREC AB** [FI/FI]; Myllypurontie 26, FIN-33450 Siivikkala (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UPPSTU, Erik** [FI/FI]; Myllypurontie 26, FIN-33450 Siivikkala (FI).

(74) **JVP-PALVELU OY**; Torikatu 4, FIN-05800 Hyvinkää (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

- (51)⁷ D21F 3/02
 (11) WO 03/042453 (13) A1
 (21) PCT/EP02/12341
 (22) 5 Nov/nov 2002 (05.11.2002)
 (25) de (26) de
 (30) 101 56 147.4 15 Nov/nov 2001 DE
 (15.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • TIE BAR
 • TIRANT
 (71) VOITH PAPER PATENT GMBH [DE/DE]; Sankt Pöltener Strasse 43, 89522 Heidenheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) MATUSCHCZYK, Uwe [DE/DE]; Brunnenstrasse 48, 73312 Geislingen (DE). THOMAS, Dirk [DE/DE]; Frankenweg 12, 89522 Heidenheim (DE).
 (74) MANITZ, FINSTERWALD & PARTNER GBR; Postfach 31 02 20, 80102 München (DE).
 (81) US.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ D21H 13/24, D01F 6/62
 (11) WO 03/042454 (13) A1
 (21) PCT/JP02/11786
 (22) 12 Nov/nov 2002 (12.11.2002)
 (25) ja (26) ja
 (30) 2001-348375 14 Nov/nov 2001 JP
 (14.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • POLYESTER BINDER FIBER FOR PAPERMAKING
 • FIBRE DE LIANT POLYESTER POUR LA FABRICATION DU PAPIER
 (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) YAMAMOTO, Tamio [JP/JP]; c/o Teijin Limited, Matsuyama Factory, 77, Kitayoshida-cho, Matsuyama-shi, Ehime 791-8041 (JP). YAMAMOTO, Nobuyuki [JP/JP]; c/o Teijin Limited, Matsuyama Factory, 77, Kitayoshida-cho, Matsuyama-shi, Ehime 791-8041 (JP).
 (74) MAEDA, Sumihiro et al. / etc.; c/o Teijin Limited, Intellectual Property Center, 1-1, Uchisaiwaicho 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ D21H 21/16 // 17:17
 (11) WO 03/042455 (13) A1
 (21) PCT/SE02/01553
 (22) 2 Sep/sep 2002 (02.09.2002)
 (25) sv (26) en
 (30) 0103171-5 25 Sep/sep 2001 SE
 (25.09.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • METHOD AND PRODUCT IN THE MANUFACTURING OF PAPER CARDBOARD OR PAPERBOARD
 • PROCEDE ET PRODUIT PERMETTANT LA FABRICATION DE PAPIER, DE CARTON MINCE OU DE CARTON
 (71) STORA ENSO AKTIEBOLAG [SE/SE]; 791 80 Falun (SE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) HÅKANSSON, Philip [SE/SE]; Vintervägen 9, S-294 37 Sölvesborg (SE).
 (74) KYLIN, Peter et al. / etc.; Hynell Patentjänst AB, Patron Carls väg 2, S-683 40 Hagfors/uddeholm (SE).
 (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ D21H 27/00, 19/82, 23/28, B32B 31/00, D21H 19/12
 (11) WO 03/042456 (13) A1
 (21) PCT/US02/00496
 (22) 11 Jan/jan 2002 (11.01.2002)
 (25) en (26) en
 (30) 09/992,902 14 Nov/nov 2001 US
 (14.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • METHOD FOR RELEASING LAMINATED MATERIALS
 • PROCEDE DE DEGAGEMENT DE MATERIAUX STRATIFIES
 (71) WESTVACO CORPORATION [US/US]; One High Ridge Park, Stamford, CT 06905 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) ZURAW, Paul, John [US/US]; 1405 Pine Island View, Mount Pleasant, SC 29464 (US). ROBINSON, Kerry, Elizabeth [GB/US]; 4550 Olde Smoak House Road, Meggett, SC 29449 (US). STREISEL, Robert, Charles [US/US]; 500 Lackland Court, Mount Pleasant, SC 29464 (US). ALLEN, Ronald, Duane, Jr. [US/US]; 1516 Montclair Street, Charleston, SC 29407 (US). LOWRY, Francis, Peter [US/US]; 909 Searle Court, Mount Pleasant, SC 29464 (US).
 (74) MACDONALD, Malcolm, J et al. / etc.; DENNISON, SCHEINER & SCHULTZ, 612 Crystal Square 4, 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY CZ DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E01B 19/00
 (11) WO 03/042457 (13) A1
 (21) PCT/DK02/00753
 (22) 12 Nov/nov 2002 (12.11.2002)
 (25) en (26) en
 (30) 01610115.6 14 Nov/nov 2001 EP
 (14.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • A VIBRATION DAMPING SYSTEM
 • SYSTEME D'AMORTISSEMENT DES VIBRATIONS
 (71) ROCKWOOL INTERNATIONAL A/S [DK/DK]; Hovedgaden 584, DK-2640 Hede-husene (DK).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) ASMUSSEN, John, Christian [DK/DK]; Kirkegårdsvej 36, DK-2300 Copenhagen S (DK).
 (74) HOFMAN-BANG ZACCO A/S; Hans Bekkevolds Allé 7, DK-Denmark Hellerup (DK).
 (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E01B 27/17, 11/44, 31/18

(11) WO 03/042458 (13) A2

(21) PCT/US02/34283

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 60/345,288 25 Oct/oct 2001 US
(25.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS FOR
NON-INTERRUPTED GRINDING OF
RAILROAD CROSSING AND MAIN
LINE TRACK

- PROCEDE ET APPAREIL DE MEU-
LAGE SANS INTERRUPTION D'UN
PASSAGE A NIVEAU ET DE VOIE DE
LIGNE PRINCIPALE

(71) LORAM MAINTENANCE OF WAY,
INC. [US/US]; 3900 Arrowhead Drive,
Hamel, MN 55340 (US).(72) NATARAJAN, Balasubramanian; 9551
Minnesota Lane, Maple Grove, MN 55369
(US). BEHRENS, Jon, Thomas; 419 Maple
Knoll Way NW, St. Michael, MN 55376
(US).(74) BAXTER, Kimberly, K. et al. / etc.; Pat-
terson, Thunte, Skaar & Christensen, P.A.,
4800 IDS Center, 80 South Eighth Street,
Minneapolis, MN 55402-2100 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).(51)⁷ E02B 3/04, 7/20, E05F 15/02, E06B 5/00

(11) WO 03/042459 (13) A1

(21) PCT/JP02/10762

(22) 16 Oct/oct 2002 (16.10.2002)

(25) ja (26) ja

(30) 2001-326873 24 Oct/oct 2001 JP
(24.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • HYDRAULICALLY DRIVEN
TIDE-WATER CONTROL SYSTEM

- SYSTEME DE CONTROLE DE MA-
REES A COMMANDE HYDRAULIQUE

(71) YUGENKAISHA NOMURA FOUR C-S
[JP/JP]; 6-7, Mitejima 1-chome, Nishiy-
dogawa-ku, Osaka-shi, Osaka 555-0012 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(71, 72) NOMURA, Yasuhiro [JP/JP]; 502,
Maison Riviere, 2-15-13, Nishikawa, Am-
agasaki-shi, Hyogo 661-0966 (JP). YANO,
Kazuo [JP/JP]; 898-9, Shin-machi, Yama-
tokooriyama-shi, Nara 639-1054 (JP).(74) SUGITANI, Yoshiaki; Kyodo-Building
(Shinkyobashi), 2-2, Hatchobori 4-chome,
Chuo-ku, Tokyo 104-0032 (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 TN TR TT TZ UA
UG UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

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 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 TN 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 BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR) OA
(BF BJ CF CG CI CM GA GN GQ GW ML MR
NE SN TD TG)(t) for all designations / pour toutes les
désignations

(u) for / pour US only / seulement

(51)⁷ E02B 7/20

(11) WO 03/042460 (13) A1

(21) PCT/GB02/05067

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) 0127216.0 13 Nov/nov 2001 GB
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • WATERTIGHT GATE MECHANISM
• MECANISME D'ECLUSE ETANCHE(71) UNIVERSITY COURT OF GLASGOW
CALEDONIAN UNIVERSITY [GB/GB];
City Campus, Cowcaddens Road, Glasgow
G4 0BA (GB).(for all designated States except / pour tous
les États désignés sauf US)(72) CULLEN, Martin; City Campus, Cowcad-
dens Road, Glasgow G4 0BA (GB).
(only for / seulement pour US)(74) KENNEDYS PATENT AGENCY LIM-
ITED; Queens House, Floor 5, 29 St. Vincent
Place, Glasgow G1 2DT (GB).(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX MZ NO NZ OM
PH PL PT RO RU SD SE SG SI SK (Utility
model / modèle d'utilité) SK SL TJ TM TN
TR TT TZ UA UG UZ VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NLPT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).(51)⁷ E03C 1/10

(11) WO 03/042461 (13) A1

(21) PCT/EP02/12827

(22) 15 Nov/nov 2002 (15.11.2002)

(25) de (26) de

(30) 201 18 810.4 17 Nov/nov 2001 DE
(17.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INTEGRATABLE SANITARY PART

- ELEMENT SANITAIRE A INCORPO-
RER

(71) DIETER WILDFANG GMBH [DE/DE];
Klosterrunsstrasse 11, 79379 Müllheim (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) FANGMEIER, Martin [DE/DE]; Li-
estengasse 2c, 79424 Auggen (DE).(74) MAUCHER, Wolfgang et al. / etc.;
Dreikönigstrasse 13, 79102 Freiburg i. Br.
(DE).(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL PT
RO RU SC SD SE SG SI SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).(51)⁷ E03D

(11) WO 03/042462 (13) A2

(21) PCT/GB02/04596

(22) 10 Oct/oct 2002 (10.10.2002)

(25) en (26) en

(30) 01402912.8 13 Nov/nov 2001 EP
(13.11.2001)(30) 0130178.7 18 Dec/déc 2001 GB
(18.12.2001)(30) 0212161.4 28 May/mai 2002 GB
(28.05.2002)(30) 0217956.2 2 Aug/août 2002 GB
(02.08.2002)(30) 0220111.9 30 Aug/août 2002 GB
(30.08.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • IMPROVEMENTS IN OR RELATING
TO CONTAINERS

- AMELIORATIONS APPORTEES OU
ASSOCIEES A DES CONTENANTS

(71) RECKITT BENCKISER INC [US/US]; 1655 Valley Road, Wayne, NJ 07474 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARIOU, Mathieu [FR/US]; Reckitt Benckiser Inc, One Phillips Parkway, Montvale, NJ 07645 (US). CHANG, David, Augustus [GB/US]; Reckitt Benckiser Inc, One Phillips Parkway, Montvale, NJ 07645 (US). LEGEAY, Vincent [FR/FR]; 6, rue Eugene Delacroix, F-35580 Guichen (FR).

(74) MCKNIGHT, John, Crawford et al. / etc.; Reckitt Benckiser plc, Group Patents Department, Dansom Lane, Hull HU8 7DS (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ E03D 1/32

(11) WO 03/042463 (13) A1

(21) PCT/CN01/01552

(22) 13 Nov/nov 2001 (13.11.2001)

(25) zh (26) zh

(43) 22 May/mai 2003 (22.05.2003)

(54) • A INLET VALVE WITH A PORCELAIN PIECE OF THE TOILET TANK

• VALVE D'ENTREE A PIECE EN PORCELAINE, POUR RESERVOIR DE TOILETTES

(71, 72) WANG, Jiamin [CN/CN]; Room 2, Sixth Floor, 88 Nanyun Street, Shahekou District, Dalian City, Liaoning Province 116021 (CN).

(74) CHINA SCIENCES PATENT & TRADE-MARK AGENT LIMITED; 16th floor, Zhongke Building, 80 Haidian Road, Haidian District, Beijing 100080 (CN).

(81) AE AG AL (Utility model / modèle d'utilité) AM (Utility model / modèle d'utilité) 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 GM HR HU (Utility model / modèle d'utilité) 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 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).

(51)⁷ E03D 11/02

(11) WO 03/042464 (13) A1

(21) PCT/ZA02/00175

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 2001/9403 15 Nov/nov 2001 ZA (15.11.2001)

(30) 2002/1530 25 Feb/fév 2002 ZA (25.02.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SANITARYWARE

• ARTICLE SANITAIRE

(71, 72) SCHMIDT, Fritz, Carel [ZA/ZA]; 168 Clive Road, Lansdowne 7780 (ZA).

(74) BACON, Brian; Brian Bacon & Associates, 2nd floor, Mariendahl House, Fedsure on Main, Main Road, Newlands 7700 (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ E03F 5/14, C02F 3/12

(11) WO 03/042465 (13) A1

(21) PCT/DK01/00757

(22) 15 Nov/nov 2001 (15.11.2001)

(25) sv (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND PLANT FOR PURIFICATION OF WATER

• PROCEDE ET INSTALLATION DE PURIFICATION D'EAU

(71, 72) HENRIKSEN, Robert [DK/DK]; Neptunevej 2, DK-8723 Lösning (DK).

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

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model

/ modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DK (Utility model / modèle d'utilité) DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) 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 E04B 1/00, 1/06, 1/04, C04B 22/00, 22/06

(11) WO 03/042466 (13) A1

(21) PCT/US02/33299

(22) 18 Oct/oct 2002 (18.10.2002)

(25) en (26) en

(30) 10/010,581 13 Nov/nov 2001 US (13.11.2001)

(30) 10/044,660 9 Jan/jan 2002 US (09.01.2002)

(30) 10/047,226 14 Jan/jan 2002 US (14.01.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A METHOD OF RESISTING CORROSION IN METAL REINFORCING ELEMENTS CONTAINED IN CONCRETE AND RELATED COMPOUNDS AND STRUCTURES

• PROCEDE ASSURANT UNE RESISTANCE A LA CORROSION POUR LES ELEMENTS DE RENFORCEMENT METALLIQUES UTILISES DANS LE BETON, AINSI QUE COMPOSES ET STRUCTURES CONNEXES

(71, 72) BROWN, Paul, W. [US/US]; 352 East Irvin Avenue, State College, PA 16801 (US).

(74) SILVERMAN, Arnold, B.; Eckert Seamans Cherin & Mellott, LLC, 600 Grant Street, 44th Floor, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ E04B 1/08

(11) WO 03/042467 (13) A1

(21) PCT/JP02/04966

(22) 22 May/mai 2002 (22.05.2002)

(25) ja (26) ja

(30) 2001-347119 13 Nov/nov 2001 JP (13.11.2001)

(30) 2001-348879 14 Nov/nov 2001 JP (14.11.2001)

- (43) 22 May/mai 2003 (22.05.2003)
- (54) • FRAME STRUCTURE OF LOW-RISE BUILDING
• STRUCTURE DE BÂTI DE CONSTRUCTION PEU ÉLEVÉE
- (71) NIPPON STEEL CORPORATION [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HASHIMOTO, Shinichiro [JP/JP]; C/O NIPPON STEEL CORPORATION, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP). MURAHASHI, Yoshimitsu [JP/JP]; C/O NIPPON STEEL CORPORATION, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP). TOHNAI, Shigeaki [JP/JP]; C/O NIPPON STEEL CORPORATION, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP). EZAKI, Tatsuo [JP/JP]; C/O NIPPON STEEL CORPORATION, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP). WATANABE, Atsushi [JP/JP]; C/O NIPPON STEEL CORPORATION Engineering Divisions Group, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (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) CN KR US.
-
- (51)⁷ E04B 1/78, D04H 1/72, B32B 5/02
- (11) WO 03/042468 (13) A1
- (21) PCT/EP02/12616
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 01309600.3 14 Nov/nov 2001 EP (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • LAYERED MINERAL FIBRE ELEMENT AND ITS METHOD OF MANUFACTURE
• ELEMENT EN FIBRES MINÉRALES STRATIFIÉES ET PROCÉDE DE FABRICATION ASSOCIÉ
- (71) ROCKWOOL INTERNATIONAL A/S [DK/DK]; 584 Hovedgaden, DK-2640 Hedehusene (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CRIDLAND, Ian [DK/DK]; Lindendborgvej 8, DK-2720 Vanløse (DK). HANSEN, Per, Hindsgaul [DK/DK]; Nitivej 16, 3 th, DK-2000 Frederiksberg (DK).
- (74) GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) TJ TM TN TR TT TZ UA (Utility model / modèle d'utilité) UG US UZ VN YU (Petty patent) ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ E04H
- (11) WO 03/042470 (13) A2
- (21) PCT/US02/35945
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 01 2 57894.0 9 Nov/nov 2001 CN (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PET TENT
• TENTE POUR ANIMAL FAMILIER
- (71) YUNTEK INTERNATIONAL, INC. [US/US]; 2416 Tripaldi Way, Hayward, CA 94545 (US).
- (72) CHOU, David, K., Y.; 2416 Tripaldi Way, Hayward, CA 94545 (US).
- (74) MEYER, Sheldon, R. et al. / etc.; Fliesler, Dubb, Meyer and Lovejoy LLP, Four Embarcadero Center, Suite 400, San Francisco, CA 94111-4156 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ E04H
- (11) WO 03/042471 (13) A2
- (21) PCT/ZA01/00173
- (22) 14 Nov/nov 2001 (14.11.2001)
- (25) en (26) en
- (30) 20010071 4 Jan/jan 2001 ZA (04.01.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ADDITIONS TO A POOL-CLEANER FLEXIBLE SUCTION PIPE
• AJOUTS AU TUYAU D'ASPIRATION SOUPLE D'UN NETTOYEUR DE PISCINE
- (71, 72) DU PLESSIS, Pieter [ZA/ZA]; 4 Bobstay Street, Dalpark Extension 1, Brakpan (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ E04H 5/02, F24F 7/06, E03D 11/00, A41D 13/00, 13/02, A47K 17/00
- (11) WO 03/042472 (13) A1
- (21) PCT/JP02/08986
- (22) 4 Sep/sep 2002 (04.09.2002)
- (25) ja (26) ja
- (30) 2001-346466 12 Nov/nov 2001 JP (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • TOILET FOR CLEAN ROOM AND CLEAN CLOTHS
• TOILETTES POUR SALLE BLANCHE ET VÊTEMENTS DE TRAVAIL STÉRILES
- (71) DAIICHI INSTITUTION INDUSTRY CO., LTD. [JP/JP]; 25-25, Matsushima

- 3-chome, Higashi-ku, Fukuoka-shi, Fukuoka 813-0062 (JP). **TOYO LINT FREE CO., LTD.** [JP/JP]; 60-14, Izumi 3-chome, Suginami-ku, Tokyo 168-0063 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHINOHARA, Osamu** [JP/JP]; c/o Daiichi Institution Industry Co., Ltd., 25-25, Matsushima 3-chome, Higashi-ku, Fukuoka-shi, Fukuoka 813-0062 (JP). **KO-SUGI, Shinji** [JP/JP]; c/o Toyo Lint Free Co., Ltd., 60-14, Izumi 3-chome, Suginami-ku, Tokyo 168-0063 (JP).
- (74) **SHIMADA, Yoshikatsu et al. / etc.**; Room 1011, Hosokawa Bldg., 1-17, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (b)
-
- (51)⁷ **E04H 6/42**
- (11) **WO 03/042473** (13) A1
- (21) PCT/JP02/11606
- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) ja (26) ja
- (30) 2001/346098 12 Nov/nov 2001 JP (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **CAR STOP IN PARKING LOT**
• **DISPOSITIF D'ARRÊT DE VOITURE POUR PARC DE STATIONNEMENT**
- (71, 72) **ODAKA, Kazushige** [JP/JP]; 2796-12, Mutsuno, Mobara-shi, Chiba 297-0012 (JP).
- (74) **SATO, Yoshihiro**; Daini-Suzuki Building 4F, 21-8, Nishi-Shimbashi 1-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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **E05B 15/02**
- (11) **WO 03/042474** (13) A1
- (21) PCT/SE02/01745
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) sv (26) en
- (30) 0103185-5 25 Sep/sep 2001 SE (25.09.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **STRIKING PLATE**
• **GACHE**
- (71) **ASSA AB** [SE/SE]; Box 371, S-631 05 Eskilstuna (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HIRVI, Jorma** [SE/SE]; Tunavägen 29, S-640 43 Eskilstuna (SE).
- (74) **ESTREEN, Lars et al. / etc.**; Kransell & Wennborg AB, Box 27834, S-115 93 Stockholm (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E05B 49/00**
- (11) **WO 03/042475** (13) A1
- (21) PCT/KR02/02081
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) ko (26) en
- (30) 2001-71148 15 Nov/nov 2001 KR (15.11.2001)
- (30) 2001-71149 15 Nov/nov 2001 KR (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **DIGITAL DOOR LOCK CAPABLE OF DETECTING ITS OPERATION STATES**
• **SERRURE DE PORTE NUMERIQUE POUVANT DETECTER SES ETATS DE FONCTIONNEMENT**
- (71) **SHIN JUNG GI YOUNG CO. LTD.** [KR/KR]; Booyang Bldg., 73-8, Dondang-Dong, Wonmi-Gu, Pucheon, 420-130 Kyunggi-Do (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MIN, Byong, Do** [KR/KR]; 2-308, Donga Apt., 572-3, Yonghyeon-2 dong, Nam-gu, 402-833 Incheon (KR).
- (74) **SOHN, Eun-Jin**; EUN JIN SOHN PATENT & LAW OFFICE, 1F, Yeoksam P-Bldg., 824-17, Yeoksam-dong, Gangnam-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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU
- SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E05B 73/00**
- (11) **WO 03/042476** (13) A1
- (21) PCT/AU02/01435
- (22) 23 Oct/oct 2002 (23.10.2002)
- (25) en (26) en
- (30) PR 8899 15 Nov/nov 2001 AU (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **A SURFBOARD LOCK**
• **VERROU POUR PLANCHE DE SURF**
- (71, 72) **MILLIST, Michael** [AU/AU]; 72 Atchison Street, Crows Nest, New South Wales 2065 (AU).
- (74) **GRIFFITH HACK**; GPO Box 4164, Sydney, New South Wales 2001 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **E05C 17/28**
- (11) **WO 03/042477** (13) A1
- (21) PCT/IB01/02147
- (22) 15 Nov/nov 2001 (15.11.2001)
- (25) en (26) en
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **TORSION SPRING DOOR CHECK DEVICE**
• **DISPOSITIF DE REGULATION D'UNE PORTE A RESSORT DE TORSION**
- (71) **VENTRA GROUP INC.** [CA/CA]; R.R. #1, 75 Reagents Industrial Court, Bradford, Ontario L3Z 2A4 (CA).
- (72) **LIANG, Chuan**; 4 Barrymore Road, Scarborough, Ontario M1J 1W2 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES

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

(51)⁷ E05D 15/58, E06B 3/50

(11) WO 03/042478 (13) A1

(21) PCT/FI02/00850

(22) 1 Nov/nov 2002 (01.11.2002)

(25) fi (26) en

(30) 20012149 7 Nov/nov 2001 FI
(07.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ARRANGEMENT FOR PROVIDING A
SWIVEL POINT

• SYSTEME FOURNISSANT UN POINT
DE PIVOT

(71) ILOXI OY [FI/FI]; Vaakatie 46, FIN-01640
Vantaa (FI).

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

(72, 75) KARHU, Niilo [FI/FI]; Vaakatie 46,
FIN-01640 Vantaa (FI).

(74) LEITZINGER OY; Tammasaarenkatu 1,
FIN-00180 Helsinki (FI).

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

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

(51)⁷ E05F 11/12, 11/14, 11/16, E05D 15/30,
15/32

(11) WO 03/042479 (13) A1

(21) PCT/NZ02/00244

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) 515372 12 Nov/nov 2001 NZ
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CASEMENT WINDOW OPERATOR
SYSTEM

• SYSTEME D'ACTIONNEMENT DE FE-
NETRE A BATTANTS

(71) ASSA ABLOY FINANCIAL SERVICES
AB. [SE/SE]; Klarabergsviadukten 90, S-107
23 Stockholm (SE).

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

(72, 75) SULLIVAN, Kevin, Francis [NZ/NZ];
93 Oroua Street, Eastbourne, Wellington
(NZ).

(74) HOPKINS, Donald, Leslie; C/- Don Hop-
kins & Associates, Unit 2, Northcote Office

Park, 145 Queen Street, Palmerston North
5301 (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 SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

(51)⁷ E05F 15/20

(11) WO 03/042480 (13) A2

(21) PCT/DK02/00761

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) PA 2001 01694 14 Nov/nov 2001 DK
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • AN OPERATOR SYSTEM AND AN
APERTURE MEMBER COMPRISING
SUCH A SYSTEM

• SYSTEME DE COMMANDE ET ELE-
MENT D'OUVERTURE EQUIPE DE CE
SYSTEME

(71) VKR HOLDING A/S [DK/DK]; Tobaksve-
jen 10, DK-2860 Søborg (DK).

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

(72, 75) EBBE, Ulrik, Vagn [DK/DK]; Grevevej
25, DK-2670 Greve (DK). ANDREASEN,
Bjarne Ravndal [DK/DK]; Hunsballevej 59,
DK-7600 Struer (DK). JEPSEN, Niels, Pe-
ter [DK/DK]; Baldersvej 6, DK-7600 Struer
(DK). CORNIERE, Didier, Claude, René
[FR/FR]; 40, rue André Chenier, F-33140 Vil-
lenave d'Ornon (FR).

(74) PATENTGRUPPEN APS; Arosgården,
Åboulevarden 31, DK-8000 Århus C (DK).

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

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

(51)⁷ E06B 3/10

(11) WO 03/042481 (13) A1

(21) PCT/DK02/00755

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) PA 2001 01679 12 Nov/nov 2001 DK
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • COMBINATION FOR A WINDOW AND
METHOD FOR MAKING SUCH A
COMBINATION

• ENSEMBLE FENETRE ET PROCEDE
DE FABRICATION

(71) VKR HOLDING A/S [DK/DK]; Tobaksve-
jen 10, DK-2860 Søborg (DK).

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

(72, 75) EDVARDESEN, Allan [DK/DK]; Skan-
derupgade 18, DK-8660 Skanderborg (DK).
NIELSEN, Carsten, Fredlev [DK/DK];
Nørre Snedevej 116, DK-8763 RASK
MØLLE (DK).

(74) CARLSSON, Eva, et al. / etc.; Internationalt
Patent-Bureau, Hoje Taastrup Boulevard 23,
DK-2630 Taastrup (DK).

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

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

(51)⁷ E06B 3/46

(11) WO 03/042482 (13) A1

(21) PCT/FI02/00858

(22) 5 Nov/nov 2002 (05.11.2002)

(25) fi (26) en

(30) 20012130 5 Nov/nov 2001 FI
(05.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A HINGING DEVICE FOR A GLAZING
SYSTEM

• DISPOSITIF CHARNIERE POUR SYS-
TEME DE VITRAGE

(71) LUMON OY [FI/FI]; Kaitilankatu 11, FIN-
45130 Kouvola (FI).

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

(72, 75) HILLIAHO, Erkki [FI/FI]; Mäenpään-
tie 36, FIN-45700 Kuusankoski (FI).

(74) TAMPEREEN PATENTTI-OIMISTO
OY; Hermiankatu 12 B, FIN-33720 Tampere
(FI).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité)

- model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ E06B 3/48, 9/08
(11) WO 03/042483 (13) A1
(21) PCT/SE02/01910
(22) 23 Oct/oct 2002 (23.10.2002)
(25) sv (26) en
(30) 0103755-5 13 Nov/nov 2001 SE (13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • ROLLING SHUTTER
• VOLET ROULANT
(71, 72) FLINK, Stig [SE/SE]; Vångsgårde 2462, S-794 92 Orsa (SE).
(74) DR LUDWIG BRANN PATENTBYRÅ AB; Box 1344, Drottninggatan 7, S-751 43 Uppsala (SE).
(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ E06C 1/383, B60P 3/38
(11) WO 03/042484 (13) A1
(21) PCT/SE02/01812
(22) 4 Oct/oct 2002 (04.10.2002)
(25) en (26) en
(30) 0103786-0 14 Nov/nov 2001 SE (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • COLLAPSIBLE LADDER
• ECHELLE PLIANTE
(71) SCANIA CV AB (publ) [SE/SE]; S-151 87 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) Söder, Kenneth [SE/SE]; Båtmansvägen 8, S-151 39 Södertälje (SE).
(74) Egrelius, Fredrik; Scania CV AB, Patents, S-151 87 Södertälje (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ E21B
(11) WO 03/042485 (13) A2
(21) PCT/US02/36023
(22) 8 Nov/nov 2002 (08.11.2002)
(25) en (26) en
(30) 60/332,869 12 Nov/nov 2001 US (12.11.2001)
(30) 10/179,799 25 Jun/juin 2002 US (25.06.2002)
(43) 22 May/mai 2003 (22.05.2003)
(54) • APPARATUS FOR EXTRACTION OF OIL VIA UNDERGROUND DRILLING AND PRODUCTION LOCATION
• APPAREIL D'EXTRACTION DE PETROLE VIA UN EMPLACEMENT DE PRODUCTION ET UN FORAGE SOUTERRAINS
(71) ORMEXLA USA, INC. [US/US]; 425 Carnation Avenue, Suite B, Corona del Mar, CA 92625 (US).
(72) AYLER, Maynard, F.; 1315 Normandy Road, Golden, CO 80401 (US). ANDREWS, Richard, E.; 417 Meeker Street, Delta, CO 81416 (US).
(74) MARSH FISCHMANN & BREYFOGLE, LLP; Breyfogle, Ross, E., 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E21B
(11) WO 03/042486 (13) A2
(21) PCT/US02/36157
(22) 12 Nov/nov 2002 (12.11.2002)
(25) en (26) en
(30) 60/338,996 12 Nov/nov 2001 US (12.11.2001)
(30) 60/339,013 12 Nov/nov 2001 US (12.11.2001)
(30) 60/363,829 13 Mar/mar 2002 US (13.03.2002)
(30) 60/387,961 12 Jun/juin 2002 US (12.06.2002)
(43) 22 May/mai 2003 (22.05.2003)
(54) • MONO DIAMETER WELLBORE CASING
• CUVELAGE A DIAMETRE UNIQUE
(71) ENVENTURE GLOBAL TECHNOLOGY [US/US]; 16200 A Park Row, Houston, TX 77084 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) RING, Lev [RU/US]; 14126 Heatherhill Place, Houston, TX 77077 (US). BRISCO, David, Paul [US/US]; 405 Westridge Drive, Duncan, OK 73533 (US). WATSON, Brock, Wayne [US/US]; 2535 Marsh Lane #1004, Carrollton, TX 75006 (US). WADDELL,
- (30) 60/387,961 12 Jun/juin 2002 US (12.06.2002)
(43) 22 May/mai 2003 (22.05.2003)
(54) • COLLAPSIBLE EXPANSION CONE
• CONE DE DILATATION RETRACTABLE
(71) ENVENTURE GLOBAL TECHNOLOGY [US/US]; 16200 A Park Row, Houston, TX 77084 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) RING, Lev [RU/US]; 14126 Heatherhill Place, Houston, TX 77077 (US). WATSON, Brock [US/US]; 2535 Marsh Lane #1004, Carrollton, TX 75006 (US). WADDELL, Kevin, K. [US/US]; 11007 Sprucedale Court, Houston, TX 77070 (US). BRISCO, David, Paul [US/US]; 405 Westridge Drive, Duncan, OK 73533 (US).
(74) MATTINGLY, Todd et al. / etc.; Haynes and Boone, LLP, Suite 4300, 1000 Louisiana Street, Houston, TX 77002-5012 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ E21B
(11) WO 03/042487 (13) A2
(21) PCT/US02/36267
(22) 12 Nov/nov 2002 (12.11.2002)
(25) en (26) en
(30) 60/339,013 12 Nov/nov 2001 US (12.11.2001)
(30) 60/338,996 12 Nov/nov 2001 US (12.11.2001)
(30) 60/363,829 13 Mar/mar 2002 US (13.03.2002)
(30) 60/387,961 12 Jun/juin 2002 US (12.06.2002)
(43) 22 May/mai 2003 (22.05.2003)

- Kevin, K. [US/US]; 11007 Sprucedale Court, Houston, TX 77070 (US).
- (74) **MATTINGLY, Todd et al.** / etc.; Haynes and Boone, LLP, Suite 4300, 1000 Louisiana Street, Houston, TX 77002-5012 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
- (u) *for / pour US only / seulement*
-
- (51)⁷ **E21B**
- (11) **WO 03/042488** (13) A2
- (21) PCT/US02/36612
- (22) **14 Nov/nov 2002 (14.11.2002)**
- (25) en (26) en
- (30) 60/332,225 **14 Nov/nov 2001 US (14.11.2001)**
- (30) 60/335,132 **14 Nov/nov 2001 US (14.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **DEEPWATER SLIM HOLE WELL CONSTRUCTION**
• **CONSTRUCTION A FORAGE REDUIT D'UN Puits EN EAU PROFONDE**
- (71) **HALLIBURTON ENERGY SERVICES, INC.** [US/US]; 10200 Bellaire Boulevard, Houston, TX 77072 (US).
- (72) **RIOS-ALEMAN, David, E.**; 720-E Country Place, Houston, TX 77079 (US). **WILIE, Curtis, L.**; 1814 Heather Lane, Alvin, TX 77511 (US). **JACKSON, Victor, N.**; 2410 Chelston Ct., Sugar Land, TX 77478 (US).
- (74) **CONLEY ROSE, P.C.**; P.O. Box 3267, Houston, TX 77253-3267 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **E21B**
- (11) **WO 03/042489** (13) A2
- (21) PCT/US02/36614
- (22) **14 Nov/nov 2002 (14.11.2002)**
- (25) en (26) en
- (30) 60/335,132 **14 Nov/nov 2001 US (14.11.2001)**
- (30) 60/414,517 **27 Sep/sep 2002 US (27.09.2002)**
- (30) 10/293,013 **13 Nov/nov 2002 US (13.11.2002)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **METHOD AND APPARATUS FOR A MONODIAMETER WELLBORE, MONODIAMETER CASING, MONOBORE, AND/OR MONOWELL**
• **PROCEDE ET APPAREIL DESTINES A UN Puits DE FORAGE MONODIAMETRE, TUBAGE MONODIAMETRE, MONOSONDAGE ET/OU MONOPuits**
- (71) **HALLIBURTON ENERGY SERVICES, INC.** [US/US]; 4100 Clinton Drive, Building 01, 6th Floor, Houston, TX 77020 (US).
- (72) **WYLIE, Glenda**; 20143 Forest Drive, Spring, TX 77388 (US). **ZAMORA, Frank**; 2017 Woodcrest, Duncan, OK 73533 (US). **MURALI, Beegamudre, N.**; 1131 Flagmore, Katy, TX 77450 (US). **TERRY, James, B.**; 403 Godsey Ct., Houston, TX 77024 (US). **WHITFILL, Donald, L.**; 2921 Sycamore Springs, Apt. 105, Kingwood, TX 77339 (US). **BROTHERS, Lance, Everett**; 928 South 89th, Chickasha, OK 73018 (US). **PALMER, Anthony, Vann**; 429 K Street SW, Ardmore, OK 73401 (US). **REDDY, Baireddy, R.**; 2013 Waverly Drive, Duncan, OK 73533 (US). **EOFF, Larry, S.**; 2201 Cedar, Duncan, OK 73533 (US). **WEAVER, Jimmie, D.**; Rt. 4, Box 230 B1, Duncan, OK 73533 (US). **WILSON, John, M.**; 4413 Odom Drive, Duncan, OK 73533 (US). **BERRYHILL, Denise**; P. O. Box 2104, Duncan, OK 73533 (US). **FITSGERALD, Russell, M.**; 605 North Pine, Waurika, OK 73573 (US). **RAO, Vikram, M.**; 6429 Edloe, Houston, TX 77005 (US). **CULOTTA, Anne, M.**; 2012 Gemini Avenue, Houston, TX 77058 (US). **BOULTON, Roger**; 6 Saddlers Row, Hout Bay, Cape Town (ZA). **CHEN, Chen-Kang, David**; 1818 Wagon Gap, Houston, TX 77090 (US). **GAYNOR, Thomas, M.**; 73 Riverside Drive, Aberdeen, Aberdeenshire AB107LE (GB). **HARDIN, John**; 1314 Rich Lawn Drive, Spring, TX 77379 (US). **GLEITMAN, Dan**; 4410 Hazard Street, Houston, TX 77098 (US). **WALKER, Colin**; Maison La Lezardiere, Quartier LaPlace, F-64430 Cochez-de-Bearn (FR).
- (74) **ROSE, David, A.**; Conley Rose, P.C., P.O. Box 3267, Houston, TX 77253-3267 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **E21B 4/14**
- (11) **WO 03/042490** (13) A1
- (21) PCT/US02/36768
- (22) **14 Nov/nov 2002 (14.11.2002)**
- (25) en (26) en
- (30) 60/332,954 **14 Nov/nov 2001 US (14.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **FLUID DISTRIBUTOR DEVICE FOR DOWN-HOLE-DRILLS**
• **DISPOSITIF DE DISTRIBUTION DE FLUIDE POUR MARTEAUX FOND DE TROU**
- (71) **INGERSOLL-RAND COMPANY** [US/US]; 200 Chesnut Ridge Road, Woodcliff Lake, NJ 07675 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **LYON, Leland, H.** [US/US]; 5156 Jonathan Lane, Roanoke, VA 24019 (US).
- (74) **USSAI, Mark, A.**; Michael Best & Friedrich LLP, 3773 Corporate Parkway, Suite 360, Center Valley, PA 18034 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **E21B 7/18, 10/60**
- (11) **WO 03/042491** (13) A1
- (21) PCT/AU02/01550
- (22) **14 Nov/nov 2002 (14.11.2002)**
- (25) en (26) en
- (30) PR 8864 **14 Nov/nov 2001 AU (14.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **FLUID DRILLING HEAD**
• **TETE DE FORAGE FAISANT APPEL A UN LIQUIDE**
- (71) **CRC FOR MINING TECHNOLOGY & EQUIPMENT** [AU/AU]; Room S204, Level 2, Hawken Engineering Building, The University of Queensland, Brisbane, QLD 4072 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MEYER, Timothy, Gregory, Hamilton** [AU/AU]; 49 Baynes Street, Highgate Hill, QLD 4101 (AU).
- (74) **BALDWIN SHELSTON WATERS**; 60 Margaret Street, Sydney, NSW 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ E21B 10/38, 12/04, 21/12, 4/14

(11) WO 03/042492 (13) A1

(21) PCT/AU02/01465

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) PR 8799 13 Nov/nov 2001 AU
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • AN IMPROVED TRANSMISSION
SLEEVE

• MANCHON DE TRANSMISSION AME-
LIORE

(71) SDS DIGGER TOOLS PTY LTD
[AU/AU]; 47-51 Vulcan Road, Canning
Vale, W.A. 6970 (AU).

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

(72, 75) TERLET, Christopher, John [AU/AU];
47-51 Vulcan Road, Canning Vale, W.A. 6970
(AU). MOIR, Fredric, Graham [AU/AU];
47-51 Vulcan Road, Canning Vale, W.A.
6970 (AU). McINNES, Malcolm, Bicknell
[AU/AU]; 48 Florence Street, Fullarton, S.A.
5063 (AU). DeBARRO, Anthony, Joseph,
Alexander [AU/AU]; 47-51 Vulcan Road,
Canning Vale, W.A. 6970 (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 TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ E21B 17/042

(11) WO 03/042493 (13) A1

(21) PCT/SE02/01839

(22) 9 Oct/oct 2002 (09.10.2002)

(25) sv (26) en

(30) 0103407-3 12 Oct/oct 2001 SE
(12.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • THREAD JOINT

• RACCORD FILETE

(71) SANDVIK AB [SE/SE]; S-811 81 Sandviken
(SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72) OLSSON, Urban (deceased / décédé).

(72, 75) LILJEBRAND, Per-Olof [SE/SE];
Nygårdsgatan 11, S-811 52 Sandviken (SE).

(74) CARLSSON, Lars-Åke; Sandvik AB, Intel-
lectual Property, S-811 81 Sandviken (SE).

(81) AU BR CA CN IN JP KR MX NO PL RU US
ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ E21B 21/00, 43/10, 43/02

(11) WO 03/042494 (13) A1

(21) PCT/EP02/12719

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 01/14959 15 Nov/nov 2001 FR
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS FOR
BOREHOLE STABILISATION

• PROCEDE ET APPAREIL POUR LA
STABILISATION D'UN Puits DE FO-
RAGE

(71) SERVICES PETROLIERS SCHLUM-
BERGER [FR/FR]; 42, rue Saint Dominique,
F-75007 Paris (FR).

(only for / seulement pour FR)

(71) SCHLUMBERGER TECHNOLOGY
B.V. [NL/NL]; Parkstraat 83-89, NL-2514 JG
The Hague (NL).

(only for / seulement pour AT AZ DE DK IT
KP KR KZ NO NZ PL RO RU TM UA)

(71) SCHLUMBERGER HOLDINGS LIM-
ITED [—/—]; PO Box 71, Craigmuir
Chambers, Road Town, Tortola (VG).

(only for / seulement pour GB JP NL)

(71) SOFITECH N.V. [BE/BE]; Rue de Stalle
140, B-1180 Brussels (BE).

(for all designated States except / pour tous
les États désignés sauf AT AZ CA DE DK FR
GB IT JP KP KR KZ NL NO NZ PL RO RU
TM UA)

(71) SCHLUMBERGER CANADA LIMITED
[CA/CA]; 24th. Floor - Monenco Place, 801
6th Avenue, SW, Calgary, Alberta T2P 3W2
(CA).

(only for / seulement pour CA)

(72, 75) DACCORD, Gérard [FR/FR]; 7,
rue des Caves, F-91430 Vauhallan (FR).
VIDICK, Benoît [BE/GB]; Schlumberger
Guyenne, Enterprise Drive, Westhill, Indus-
trial Estate, Aberdeen AB32 6TQ (GB). BE-
DEL, Jean-Philippe [FR/FR]; 20, Chemin
des Montjoies, F-91310 Monthery (FR).
THIERCELIN, Marc [FR/RU]; Schlum-
berger Research & Development, 9, Tagan-
skaya str., Moscow, 109004 (RU).

(74) HYDEN, Martin; Etudes & Productions
Schlumberger, 1, rue Henri Becquerel - BP
202, F-92142 Clamart 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 TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E21B 43/10, 33/134, 7/06

(11) WO 03/042495 (13) A1

(21) PCT/EP02/12729

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 01/14959 15 Nov/nov 2001 FR
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PLUG SETTING APPARATUS AND
METHOD

• APPAREIL ET PROCEDE DE RE-
GLAGE DE BOUCHON

(71) SERVICES PETROLIERS SCHLUM-
BERGER [FR/FR]; 42, rue Saint Dominique,
F-75007 Paris (FR).

(only for / seulement pour FR)

(71) SCHLUMBERGER TECHNOLOGY
B.V. [NL/NL]; Parkstraat 83-89, NL-2514 JG
The Hague (NL).

(only for / seulement pour AT AZ DE DK IT
KP KR KZ NO NZ PL RO RU TM UA)

(71) SCHLUMBERGER HOLDINGS LIM-
ITED [—/—]; PO Box 71, Craigmuir
Chambers, Road Town, Tortola (VG).

(only for / seulement pour GB JP NL)

(71) SOFITECH N.V. [BE/BE]; Rue de Stalle
140, B-1180 Brussels (BE).

(for all designated States except / pour tous
les États désignés sauf AT AZ CA DE DK FR
GB IT JP KP KR KZ NL NO NZ PL RO RU
TM UA)

(71) SCHLUMBERGER CANADA LIMITED
[CA/CA]; 24th Floor, Monenco Place, 801
6th Avenue SW, Calgary, Alberta T2P 3W2
(CA).

(only for / seulement pour CA)

(72, 75) ERMEL, Michel [FR/FR]; 10, avenue
Michele, La Brosse, F-78470 St Lambert
Des Bois (FR). BEDEL, Jean-Philippe
[FR/FR]; 20, chemin des Montjoies, F-91310
Monthery (FR). DARGAUD, Bernard
[FR/FR]; 35, résidence les Nouveaux Hori-
zons, F-78990 Elancourt (FR). LAVAURE,
Gilbert [FR/FR]; Chantressac, F-07120 Saint
Alban Auriolles (FR). DACCORD, Gerard
[FR/FR]; 7, rue des Caves, F-91430 Vauhal-
lan (FR). THIERCELIN, Marc [FR/RU];
Schlumberger Research & Development,
9, Taganskaya str., Moscow, 109004 (RU).
VIDICK, Benoît [BE/GB]; Geomarket Well
Services, Enterprise Drive, Westhill, Indus-
trial Estate, Aberdeen AB326 TQ (GB).

(74) HYDEN, Martin; Etudes et Productions
Schlumberger, 1, rue Henri Becquerel, BP
202, F-92142 Clamart 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 TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ E21B 43/25
(11) WO 03/042496 (13) A1
(21) PCT/GB02/05117
(22) 12 Nov/nov 2002 (12.11.2002)
(25) en (26) en
(30) 0127384.6 15 Nov/nov 2001 GB (15.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD FOR DIVERTING TREATMENT FLUID INTO A LOW PERMEABILITY ZONE OF A FORMATION
• PROCEDE DE DEVIATION D'UN FLUIDE DE TRAITEMENT DANS UNE ZONE A FAIBLE PERMEABILITE D'UNE FORMATION
(71) BP EXPLORATION OPERATING COMPANY LIMITED [GB/GB]; Britannic House, 1 Finsbury Circus, London EC2M 7BA (GB). XL TECHNOLOGY LIMITED [GB/GB]; Gibb House, Kennel Ride, Ascot, Berkshire SL5 7NT (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) COLLINS, Ian, Ralph [GB/GB]; 44 Kenton Avenue, Sunbury on Thames, Middlesex TW16 5AR (GB). MEAD, Philip [GB/GB]; The Glade, Springwoods, Virginia Water, Surrey GU25 4PW (GB).
(74) COLLINS, Frances, Mary et al. / etc.; 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 IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

- (51)⁷ E21B 43/267, C04B 35/111, 35/622
(11) WO 03/042497 (13) A1
(21) PCT/US02/33046
(22) 14 Oct/oct 2002 (14.10.2002)
(25) en (26) en

- (30) 10/035,960 9 Nov/nov 2001 US (09.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • COMPOSITE SILICA OXIDE PROPANT MATERIAL
• PRODUIT COMPOSITE DE SOUTÈNEMENT A BASE DE SILICE
(71) BADGER MINING CORPORATION [US/US]; 409 South Church Street, Berlin, WI 54923 (US).
(72) LUNGHOFER, Eugene, P.; 324 Carrolwood Drive, Youngstown, NY 14171 (US). WOLFE, Larry, A.; 12 Center Street, Tonawana, NY 14120 (US).
(74) WOZNY, Thomas, M. et al. / etc.; Andrus, Sceales, Starke & Sawall, LLP, 100 East Wisconsin Avenue, Suite 1100, Milwaukee, WI 53202 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ E21B 47/09, 47/12
(11) WO 03/042498 (13) A1
(21) PCT/US02/36080
(22) 8 Nov/nov 2002 (08.11.2002)
(25) en (26) en
(30) 60/332,478 14 Nov/nov 2001 US (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • OPTICAL POSITION SENSING FOR WELL CONTROL TOOLS
• DETECTION DE POSITION OPTIQUE DESTINÉE A DES OUTILS DE CONTRÔLE DE Puits
(71) BAKER HUGHES INCORPORATED [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).
(72) BUSSEAR, Terry, R.; 3422 Ashmere Cove, Round Rock, TX 78681 (US). CARMODY, Michael, A.; 1906 Wagon Gap Trail, Houston, TX 77090 (US). JENNINGS, Steven, L.; 1711 Keystone Drive, Friendswood, TX 77546 (US). HOPMANN, Don, A.; 10916 Mesquite Dr., La Porte, TX 77571 (US). ZISK, Edward, J., Jr.; 1806 Spruce Knob Drive, Kingwood, TX 77339 (US). NORRIS, Michael, W.; 12602 Scouts Lane, Cypress, TX 77429 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ E21B 47/12, H01F 38/14
(11) WO 03/042499 (13) A1
(21) PCT/IB02/04718
(22) 12 Nov/nov 2002 (12.11.2002)
(25) en (26) en
(30) 20015521 12 Nov/nov 2001 NO (12.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • A DEVICE AND A METHOD FOR ELECTRICAL COUPLING
• DISPOSITIF ET PROCEDE DE COUPLAGE ELECTRIQUE
(71) ABB RESEARCH LTD. [CH/CH]; P.O. Box 8131, CH-8050 Zurich (CH).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) ERIKSSON, Klas [NO/NO]; Bondibråten 107, N-1387 Asker (NO). HÅHEIM, Svein [NO/NO]; Odins Gate 5A, N-0266 Oslo (NO). HOSETH, Jacob, G. [NO/NO]; Fauchalds gt. 6A, N-0365 Oslo (NO). HANSSON, Peder [NO/NO]; Sigurd Iversensvei 47C, N-0281 Oslo (NO). YAGHMAI, Sohrab [NO/NO]; Ravnåsvien 62D, N-1254 Oslo (NO).
(74) DAHLSTRAND, Björn; ABB Group Services Center AB, Legal & Compliance/Intellectual Property, Gideonsbergsgatan 2, S-72178 Västerås (SE).
(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ E21C 35/197, 35/183
(11) WO 03/042500 (13) A1
(21) PCT/RU02/00476
(22) 31 Oct/oct 2002 (31.10.2002)
(25) ru (26) ru
(30) 2001130335 12 Nov/nov 2001 RU (12.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • CUTTING TOOL FOR BREAKING MINERAL AND ARTIFICIAL MATERIALS
• OUTIL DE COUPE POUR CASSER DES MATIERES MINERALES OU ARTIFICIELLES

(71, 72) LEVANKOVSKY, Igor Anatolievich [RU/RU]; ul. Generala Ermolova, 2-131, Moscow, 121170 (RU).

(74) EGOROVA, Galina Borisovna et al. / etc.; "Gorodissky & Partners Law Firm" Ltd., ul. Bolshaya Spasskaya, 25-3, Moscow, 129010 (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 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E21D 21/00

(11) WO 03/042501 (13) A1

(21) PCT/ZA02/00178

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 2001/9408 15 Nov/nov 2001 ZA (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ROCK BOLT
• BOULON D'ANCRAGE

(71) GRINAKER-LTA LIMITED [ZA/ZA]; 30 van der Bijl Street, 1780 Westonaria (ZA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ERASMUS, Nico [ZA/ZA]; 30 van der Bijl Street, 1780 Westonaria (ZA).

(74) MCCALLUM RADEMEYER & FREIMOND et al. / etc.; PO Box 1130, 7 Maclyn House, Bordeaux, 2125 Randburg (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F01B 29/12, F01K 7/36, 19/02

(11) WO 03/042502 (13) A1

(21) PCT/NZ02/00250

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 515517 15 Nov/nov 2001 NZ (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A WATER POWERED ENGINE
• MOTEUR A EAU

(71, 72) WHITE, William, Llewys [NZ/NZ]; 36a Vernon Terrace, St Martins, Christchurch (NZ).

(74) BALDWIN SHELSTON WATERS; 342 Lambton Quay, Wellington (NZ).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01D 5/18

(11) WO 03/042503 (13) A1

(21) PCT/US02/36199

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 09/992,250 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INTERNAL COOLED GAS TURBINE VANE OR BLADE
• AUBE OU PALE DE TURBINE A GAZ REFROIDI INTERNE

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) HALFMANN, Steve, H.; 508 W. Caroline Lane, Chandler, AZ 85224 (US). WILSON, Craig, A.; 2257 W. Lobo Circle, Mesa, AZ 85202 (US). PACK, David, R.; 115 Aspen Drive, Plantsville, CT 06479 (US). ORITZ, Milton; 9865 E. Windrose Drive, Scottsdale, AZ 85260 (US). MORRIS, Mark, C.; 4220 E. Janice Way, Phoenix, AZ 85032 (US). KIM, Yong, W.; 15796 Caminito La Torre, San Diego, CA 92128 (US).

(74) CRISS, Roger, H. et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) CA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ F01D 11/12, 21/04, 5/20, F04D 29/32

(11) WO 03/042504 (13) A1

(21) PCT/FR02/03888

(22) 14 Nov/nov 2002 (14.11.2002)

(25) fr (26) fr

(30) 01/14690 14 Nov/nov 2001 FR (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FAN BLADE WITH EMBRITTLED TIP

• AUBE DE SOUFFLANTE A SOMMET FRAGILISE

(71) SNECMA MOTEURS [FR/FR]; 2, boulevard du Général Martial Valin, F-75015 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GEREZ, Valerio [FR/FR]; 41, rue de la Gare, F-91330 Yerres (FR). JADCZAK, Edouard [FR/FR]; 265, rue Chapu, F-77350 le Mees/Seine (FR).

(74) BERROU, Paul; Snecma Moteurs, Département des Brevets, Boîte Postale 81, F-91003 Evry Cedex (FR).

(81) CA JP US.

(51)⁷ F01K

(11) WO 03/042505 (13) A2

(21) PCT/US02/33849

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 60/335,007 24 Oct/oct 2001 US (24.10.2001)

(30) 10/273,501 18 Oct/oct 2002 US (18.10.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ENERGY CONVERSION METHOD AND SYSTEM WITH ENHANCED HEAT ENGINE

• PROCEDE ET SYSTEME POUR LA CONVERSION D'ENERGIE REPOSANT SUR L'UTILISATION D'UN MOTEUR THERMIQUE AMELIORE

(71, 72) MCFARLAND, Rory, S. [US/US]; 1630 30th Street, Unit 253, Boulder, CO 80301 (US).

(74) BURTON, Carol, W. et al. / etc.; Hogan and 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01L 1/18, 13/00

(11) WO 03/042506 (13) A1

(21) PCT/EP02/11944

(22) 25 Oct/oct 2002 (25.10.2002)

(25) de (26) de

(30) 101 55 801.5 14 Nov/nov 2001 DE (14.11.2001)

(30) 60/335,602 15 Nov/nov 2001 US (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ROCKER ARM IN A VALVE TRAIN ON AN INTERNAL COMBUSTION ENGINE

- BASCULEUR D'UN MECANISME DE DISTRIBUTION D'UN MOTEUR A COMBUSTION INTERNE
- (71) **INA-SCHAEFFLER KG** [DE/DE]; Industriestrasse 1 - 3, 91074 Herzogenaurach (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HAAS, Michael** [DE/DE]; Karlsbader Strasse 2, 91085 Weisendorf (DE). **RAUCH, Martin** [DE/DE]; Auf dem Lerchenbühl 47, 96049 Bamberg (DE). **RÖRIG, Bodo** [DE/DE]; Am Alten Sportplatz 39, 91085 Weisendorf (DE). **SCHMIDT, Dieter** [DE/DE]; Bilothstrasse 6, 90482 Nürnberg (DE). **ARTMANN, Jens** [DE/DE]; Waldheimstrasse 23, 93197 Regendorf (DE).
- (74) **INA-SCHAEFFLER KG**; Industriestrasse 1 - 3, 91074 Herzogenaurach (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F01L 1/26, 1/18, 13/00
- (11) **WO 03/042507** (13) A1
- (21) PCT/EP02/11946
- (22) **25 Oct/oct 2002 (25.10.2002)**
- (25) de (26) de
- (30) 101 55 828.7 **14 Nov/nov 2001 DE (14.11.2001)**
- (30) 60/335,623 **15 Nov/nov 2001 US (15.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CAM FOLLOWER OF A VALVE GEAR OF AN INTERNAL COMBUSTION ENGINE
- BASCULEUR DE DISTRIBUTION DE MOTEUR A COMBUSTION INTERNE
- (71) **INA-SCHAEFFLER KG** [DE/DE]; Industriestrasse 1 - 3, 91074 Herzogenaurach (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HAAS, Michael** [DE/DE]; Karlsbader Str. 2, 91085 Weisendorf (DE). **RAUCH, Martin** [DE/DE]; Auf dem Lerchenbühl 47, 96049 Bamberg (DE). **RÖRIG, Bodo** [DE/DE]; Am Alten Sportplatz 39, 91085 Weisendorf (DE). **SCHMIDT, Dieter** [DE/DE]; Bilothstr. 6, 90482 Nürnberg (DE). **ARTMANN, Jens** [DE/DE]; Waldheimstr. 23, 93197 Regendorf (DE).
- (74) **INA-SCHAEFFLER KG**; Industriestrasse 1 - 3, 91074 Herzogenaurach (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F01L 3/04, 3/02, F02B 77/02, C23C 26/02, F01L 3/22
- (11) **WO 03/042508** (13) A1
- (21) PCT/EP02/11682
- (22) **18 Oct/oct 2002 (18.10.2002)**
- (25) de (26) de
- (30) 101 56 196.2 **15 Nov/nov 2001 DE (15.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR THE PRODUCTION OF A VALVE SEAT
- PROCEDE DE FABRICATION D'UN SIEGE DE SOUPE
- (71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CLAUS, Jürgen** [DE/DE]; Pécsersstrasse 23, 70736 Fellbach (DE). **HEIGL, Reiner** [DE/DE]; Hohenstaufenstrasse 51, 71686 Remseck (DE). **PFEFFINGER, Harald** [DE/DE]; Mörikestrasse 7, 75233 Tiefenbronn (DE).
- (74) **NÄRGER, Ulrike et al.** / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).
- (81) JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ F01L 9/02
- (11) **WO 03/042509** (13) A1
- (21) PCT/DE02/03518
- (22) **19 Sep/sep 2002 (19.09.2002)**
- (25) de (26) de
- (30) 101 55 669.1 **13 Nov/nov 2001 DE (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DEVICE FOR THE CONTROL OF AT LEAST ONE GAS EXCHANGE VALVE
- DISPOSITIF POUR COMMANDER AU MOINS UNE SOUPE D'ECHANGE GAZEUX
- (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) **ENGELBERG, Ralph** [DE/DE]; Untere Gasse 2, 71254 Ditzingen (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ F01L 13/00, 1/18, 1/26
- (11) **WO 03/042510** (13) A1
- (21) PCT/EP02/11774
- (22) **22 Oct/oct 2002 (22.10.2002)**
- (25) de (26) de
- (30) 101 55 825.2 **14 Nov/nov 2001 DE (14.11.2001)**
- (30) 60/335,624 **15 Nov/nov 2001 US (15.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DRAG LEVER OF A VALVE MECHANISM IN AN INTERNAL COMBUSTION ENGINE
- LEVIER D'ENTRAINEMENT D'UN MECANISME DE DISTRIBUTION D'UN MOTEUR A COMBUSTION INTERNE
- (71) **INA-SCHAEFFLER KG** [DE/DE]; Industriestrasse 1-3, 91074 Herzogenaurach (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) **ARTMANN, Jens** [DE/DE]; Waldheimstr. 23, 93197 Regendorf (DE).
- (74) **INA-SCHAEFFLER KG**; Industriestrasse 1-3, 91074 Herzogenaurach (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F01L 13/00, 1/18
- (11) **WO 03/042511** (13) A1
- (21) PCT/EP02/11943
- (22) **25 Oct/oct 2002 (25.10.2002)**
- (25) de (26) de
- (30) 101 55 800.7 **14 Nov/nov 2001 DE (14.11.2001)**
- (30) 60/335,601 **15 Nov/nov 2001 US (15.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ROCKER ARM FOR A VALVE TRAIN ON AN INTERNAL COMBUSTION ENGINE
- BASCULEUR D'UN MECANISME DE DISTRIBUTION D'UN MOTEUR A COMBUSTION INTERNE
- (71) **INA-SCHAEFFLER KG** [DE/DE]; Industriestrasse 1 - 3, 91074 Herzogenaurach (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HAAS, Michael** [DE/DE]; Karlsbader Strasse 2, 91085 Weisendorf (DE). **RAUCH, Martin** [DE/DE]; Auf dem Lerchenbühl 47, 96049 Bamberg (DE). **RÖRIG, Bodo** [DE/DE]; Am Alten Sportplatz 39, 91085 Weisendorf (DE). **SCHMIDT, Dieter** [DE/DE]; Bilothstrasse 6, 90482 Nürnberg (DE). **ARTMANN, Jens** [DE/DE]; Waldheimstrasse 23, 93197 Regendorf (DE).
- (74) **INA-SCHAEFFLER KG**; Industriestrasse 1 - 3, 91074 Herzogenaurach (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01L 13/00, 1/18

(11) WO 03/042512 (13) A1

(21) PCT/EP02/11945

(22) 25 Oct/oct 2002 (25.10.2002)

(25) de (26) de

(30) 101 55 827.9 14 Nov/nov 2001 DE (14.11.2001)

(30) 60/335,625 15 Nov/nov 2001 US (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CAM FOLLOWER OF A VALVE GEAR OF AN INTERNAL COMBUSTION ENGINE

• BASCULEUR DE DISTRIBUTION DE MOTEUR A COMBUSTION INTERNE

(71) INA-SCHAEFFLER KG [DE/DE]; Industriestrasse 1 - 3, 91074 Herzogenaurach (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) HAAS, Michael [DE/DE]; Karlsbader Strasse 2, 91085 Weisendorf (DE). RAUCH, Martin [DE/DE]; Auf dem Lerchenbühl 47, 96049 Bamberg (DE). RÖRIG, Bodo [DE/DE]; Am Alten Sportplatz 39, 91085 Weisendorf (DE). SCHMIDT, Dieter [DE/DE]; Bilrothstrasse 6, 90482 Nürnberg (DE). ARTMANN, Jens [DE/DE]; Waldheimstrasse 23, 93197 Regendorf (DE).

(74) INA-SCHAEFFLER KG; Industriestrasse 1 - 3, 91074 Herzogenaurach (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01M 13/02

(11) WO 03/042513 (13) A1

(21) PCT/EP02/12417

(22) 7 Nov/nov 2002 (07.11.2002)

(25) de (26) de

(30) 201 18 388.9 13 Nov/nov 2001 DE (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DEVICE FOR CRANKCASE VENTILATION OF AN INTERNAL COMBUSTION ENGINE

• DISPOSITIF POUR L'AERATION DU CARTER DE VILEBREQUIN D'UN MOTEUR A COMBUSTION INTERNE

(71) HENGST GMBH & CO. KG [DE/DE]; Nienkamp 65-85, 48147 Münster (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PIETSCHNER, Sieghard [DE/DE]; Lennestrasse 26, 48268 Greven (DE).

(74) SCHULZE HORN & PARTNER; Goldstrasse 50, 48147 Münster (DE).

(81) BR JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ F01P 7/16, F16K 37/00

(11) WO 03/042514 (13) A1

(21) PCT/DE02/03392

(22) 12 Sep/sep 2002 (12.09.2002)

(25) de (26) de

(30) 101 55 387.0 10 Nov/nov 2001 DE (10.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PROPORTIONAL VALVE

• SOUPAPE PROPORTIONNELLE

(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) SCHMIDT, Roland [DE/DE]; Herrenbergstrasse 24, 77815 Buehl (DE). ROCKLAGE, Gerta [DE/DE]; Kemnater Strasse 345b, 44797 Bochum (DE). VOLLMER, Dirk [DE/DE]; Klotzbergstr. 60, 77815 Buehl (DE). TAGHOUTI, Nizar [TN/DE]; Ebertstr. 24, 76137 Karlsruhe (DE). BERLING, Claude [FR/FR]; 22, rue du Général de Gaulle, F-67410 Drusenheim (FR).

(81) JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ F01P 7/16

(11) WO 03/042515 (13) A1

(21) PCT/FR02/03852

(22) 8 Nov/nov 2002 (08.11.2002)

(25) fr (26) fr

(30) 01/14662 13 Nov/nov 2001 FR (13.11.2001)

(30) 02/11564 18 Sep/sep 2002 FR (18.09.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM FOR MANAGING HEAT ENERGY PRODUCED BY A MOTOR VEHICLE HEAT ENGINE

• SYSTEME DE GESTION DE L'ENERGIE THERMIQUE DEVELOPEE PAR UN MOTEUR THERMIQUE DE VEHICULE AUTOMOBILE

(71) VALEO THERMIQUE MOTEUR [FR/FR]; 8, rue Louis Lormand, F-78321 La Verrière (FR).

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(72, 75) AP, Ngy, Srun [FR/FR]; 30, avenue des Buissons, F-78470 Saint Rémy les Chevreuse (FR). GUERRERO, Pascal [FR/FR]; 38, rue Henri Husson, F-78320 Le Mesnil Saint Denis (FR). JOUANNY, Philippe [FR/FR]; 47, rue Molière, F-78280 Guyancourt (FR).

(74) ROLLAND, Jean-Christophe; Valeo Thermique Moteur, 8, rue Louis Lormand, F-78321 La Verrière (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 ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01P 7/16, 11/02

(11) WO 03/042516 (13) A2

(21) PCT/FR02/03855

(22) 8 Nov/nov 2002 (08.11.2002)

(25) fr (26) fr

(30) 01/14663 13 Nov/nov 2001 FR (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • HEAT ENERGY MANAGEMENT SYSTEM COMPRISING TWO NETWORKS

• SYSTEME DE GESTION DE L'ENERGIE THERMIQUE D'UN MOTEUR THERMIQUE COMPRENANT DEUX RESEAUX

(71) VALEO THERMIQUE MOTEUR [FR/FR]; 8, rue Louis Lormand, F-78321 La Verrière (FR).

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(72, 75) AP, Ngy, Srun [FR/FR]; 30, avenue des Buissons, F-78470 Saint Rémy les Chevreuse (FR). GUERRERO, Pascal [FR/FR]; 38, rue Henri Husson, F-78320 Le Mesnil Saint Denis (FR). JOUANNY, Philippe [FR/FR]; 47, rue Molière, F-78280 Guyancourt (FR).

(74) ROLLAND, Jean-Christophe; Valeo Thermique Moteur, 8, rue Louis Lormand, F-78321 La Verrière (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 ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ F01P 11/16, 7/16
(11) WO 03/042517 (13) A1
(21) PCT/DE02/04022
(22) 26 Oct/oct 2002 (26.10.2002)
(25) de (26) de
(30) 101 55 386.2 10 Nov/nov 2001 DE (10.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • VALVE HAVING AN EMERGENCY FUNCTION
• SOUPAPE POURVUE D'UN FONCTIONNEMENT D'URGENCE
(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) SCHMIDT, Roland [DE/DE]; Herrenbergstrasse 24, 77815 Buehl (DE). RIEHL, Guenther [DE/DE]; Schlosshoehe 53, 77815 Buehl (DE). PEITZ, Thomas [DE/DE]; Hirschstrasse 3, 76287 Rheinstetten (DE). ROCKLAGE-MARLIANI, Gerta [DE/DE]; Hochgratstrasse 22, 87545 Burberg (DE). WOLF, Joerg [DE/DE]; Ruschgraben 63, 76139 Karlsruhe (DE). WOLLMER, Dirk [DE/DE]; Klotzbergstrasse 60, 77815 Buehl (DE). TAGHOUTI, Nizar [TN/DE]; Ebertstr. 24, 76137 Karlsruhe (DE). BERLING, Claude [FR/FR]; 22, rue du Général de Gaulle, F-67410 Drusenheim (FR). FIRMERY, Mathieu [FR/FR]; 1, Rue Ignace Leybach, F-67760 Gamsheim (FR). HAGER, Martin [FR/FR]; 6, Avenue du Canada, F-14000 Caen (FR). KERN, Ottmar [DE/DE]; Hans-Sachs-Strasse 9, 76133 Karlsruhe (DE). SAMRAY, Bican [TR/DE]; Hochfeld 1, 77880 Sasbach (DE).
(81) JP KR US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
(51)⁷ F02B 19/02, 19/10, 19/12
(11) WO 03/042518 (13) A1
(21) PCT/AU02/01545
(22) 13 Nov/nov 2002 (13.11.2002)
(25) en (26) en
(30) PR 8855 14 Nov/nov 2001 AU (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • AN INTERNAL COMBUSTION ENGINE WITH DIVIDED COMBUSTION CHAMBER
• MOTEUR A COMBUSTION INTERNE A CHAMBRE DE COMBUSTION DIVISEE
(71) BARRACK COMBUSTION PROCESS PTY LTD [AU/AU]; U6/15 Walters Drive, Osborne Park, Western Australia 6017 (AU).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) LAMPARD, Robert, Douglas [AU/AU]; Unit 3/78-84 Catalano Crescent, Canningvale, Western Australia 6155 (AU).
(74) MIZZI, Anthony, Paul; Griffith Hack, Level 6/256 Adelaide Terrace, Perth, Western Australia 6000 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ F02B 23/10, F02F 3/26
(11) WO 03/042519 (13) A1
(21) PCT/FR02/02794
(22) 2 Aug/août 2002 (02.08.2002)
(25) fr (26) fr
(30) 0113051 10 Oct/oct 2001 FR (10.10.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • INTERNAL COMBUSTION ENGINE WITH SPARK IGNITION AND DIRECT FUEL INJECTION COMPRISING A VERY HIGH-PRESSURE DIRECT INJECTION SYSTEM
• MOTEUR A COMBUSTION INTERNE, A ALLUMAGE COMMANDE, ET A INJECTION DIRECTE D'ESSENCE, COMPORTANT UN SYSTEME D'INJECTION DIRECTE A TRES HAUTE PRESSION
(71) PEUGEOT CITROEN AUTOMOBILES S.A. [FR/FR]; 65-71, boulevard du Château, F-92200 Neuilly-sur-Seine (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BOURGUIGNON, Eric [FR/FR]; 19, rue Léo Lagrange, F-95160 Montmorency (FR). SULKOWSKI, Pascal [FR/FR]; 230, rue Filliette Nicole Philibert, F-92500 Rueil-Malmaison (FR).
(74) THINAT, Michel; Cabinet Weinstein, 56A, rue du Faubourg Saint Honoré, 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ F02C 6/18, F26B 11/04, 3/20
(11) WO 03/042520 (13) A1
(21) PCT/FI02/00864
(22) 6 Nov/nov 2002 (06.11.2002)
(25) fi (26) en
(30) 20012142 6 Nov/nov 2001 FI (06.11.2001)

- (30) 20020269 11 Feb/fév 2002 FI (11.02.2002)
(43) 22 May/mai 2003 (22.05.2003)
(54) • ENERGY ECONOMICAL COMPACT DRYING SYSTEM
• SYSTEME DE SECHAGE COMPACT ECONOMISEUR D'ENERGIE
(71) ABB OY [FI/FI]; Strombergintie 1, FIN-00380 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) PYLKKÄNEN, Juhani [FI/FI]; Huviatie 8-10 as. 1, FIN-65230 Vaasa (FI). VETOLA, Jari [FI/FI]; Liponkuja 9 B, FIN-45120 Kouvola (FI).
(74) KORPELAINEN, Seppo; ABB Oy, Legal Affairs/Patents, B.O Box 210, FIN-00381 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ F02D
(11) WO 03/042521 (13) A2
(21) PCT/US02/35623
(22) 6 Nov/nov 2002 (06.11.2002)
(25) en (26) en
(30) 09/990,910 14 Nov/nov 2001 US (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • HIGH COMPRESSION RATIO, HYDROGEN ENHANCED GASOLINE ENGINE SYSTEM
• SYSTEME DE MOTEUR A ESSENCE AMELIORE AU MOYEN D'HYDROGENE, A TAUX DE COMPRESSION ELEVE
(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) COHN, Daniel, R. [US/US]; 26 Walnut Hill Road, Chestnut Hill, MA 02467 (US). BROMBERG, Leslie [US/US]; 176 Wilshire Drive, Sharon, MA 02067 (US). RABINOVICH, Alexander [US/US]; 404 Paradise Road #3L, Swampscott, MA 01907 (US). HEYWOOD, John, B. [US/US]; 218 Mill Street, Newton, MA 02460 (US).
(74) COCKS, Elijah; 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 OM PH PL PT RO

- RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ F02D 13/04
(11) WO 03/042522 (13) A1
(21) PCT/US02/08303
(22) 20 Mar/mar 2002 (20.03.2002)
(25) en (26) en
(30) 09/986,617 9 Nov/nov 2001 US
(09.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD AND SYSTEM OF IMPROV-
ING ENGINE BRAKING BY VARI-
ABLE VALVE ACTUATION
• PROCEDE ET SYSTEME D'AMELIO-
RATION DE FREINAGE MOTEUR
PAR ACTIONNEMENT VARIABLE DE
SOUPAPES
(71) DIESEL ENGINE RETARDERS, INC.
[US/US]; 16 West Main Street, Christiana,
DE 19702 (US).
(72) YANG, Zhou; 8 Diggins Court, South Wind-
sor, CT 06074 (US). EGAN, James, F., III;
823 Bridge Street, Suffield, CT 06078-2329
(US).
(74) COYNE, Patrick, J. et al. / etc.; Collier
Shannon Scott, PLLC, Suite 400, 3050 K
Street, N.W.7, Washington, DC 20007 (US).
(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 F02D 41/38, 41/06
(11) WO 03/042523 (13) A1
(21) PCT/EP02/12600
(22) 12 Nov/nov 2002 (12.11.2002)
(25) de (26) de
(30) 101 56 637.9 17 Nov/nov 2001 DE
(17.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD FOR CONTROLLING AND
ADJUSTING THE STARTING MODE
OF AN INTERNAL COMBUSTION EN-
GINE
• PROCEDE POUR LA COMMANDE ET
LA REGULATION DU FONCTIONNE-
MENT AU DEMARRAGE D'UN MO-
TEUR A COMBUSTION INTERNE
(71) MTU FRIEDRICHSHAFEN GMBH
[DE/DE]; 88040 Friedrichshafen (DE).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) DÖLKER, Armin [DE/DE]; Seestrasse
West 34B, 88090 Immenstaad (DE).
(74) FRÖSCHL, Peter; MTU Friedrichshafen
GmbH, Patentabteilung ZJXP, 88040
Friedrichshafen (DE).
(81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
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- (51)⁷ F02F 1/36, F01P 3/02
(11) WO 03/042524 (13) A1
(21) PCT/JP02/11011
(22) 23 Oct/oct 2002 (23.10.2002)
(25) ja (26) ja
(30) 2001-350366 15 Nov/nov 2001 JP
(15.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • INTERNAL COMBUSTION ENGINE
• MOTEUR THERMIQUE
(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) BABA, Atsushi [JP/JP]; c/o Kabushiki
Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo
1-chome, Wako-shi, Saitama 351-0193 (JP).
ENDO, Tsuneo [JP/JP]; c/o Kabushiki
Kaisha Honda Gijutsu Kenkyusho, 4-1,
Chuo 1-chome, Wako-shi, Saitama 351-0193
(JP). SHINOHARA, Masashi [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 Build-
ing, 6-3, Taito 2-chome, Taito-ku, Tokyo 110-
0016 (JP).
(81) US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
-
- (51)⁷ F02G 1/043, F16F 15/08, 15/04
(11) WO 03/042525 (13) A1
(21) PCT/GB02/05011
(22) 1 Nov/nov 2002 (01.11.2002)
(25) en (26) en
(30) 0127088.3 10 Nov/nov 2001 GB
(10.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • CONTAINER FITMENT
• CLOISON DE RECIPIENT
(71) YEW TREE CONSULTANTS LIMITED
[GB/GB]; 2 Flint Cottages, Woodcote Farm,
Graftonham, Petworth, Sussex GU28 0NU
(GB).
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(72, 75) CLARKE, Peter, Reginald [GB/GB];
2 Flint Cottages, Woodcote Farm, Graftonham,
Petworth, Sussex GU28 0NU (GB).
BARNES, Susan, Marie [GB/GB]; 1
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RM16 6HA (GB). RICKMAN, David, Pe-
ter [GB/GB]; 18 Mayfield Close, Ferndown,
Dorset BH22 9HS (GB).
(74) MESSULAM, Alec, Moses; A. Messulam &
Co. Ltd., 43-45 High Road, Bushey Heath,
Bushey, Hertfordshire WD23 1EE (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 TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F02M 21/02, 51/08, 51/06, 61/04
(11) WO 03/042526 (13) A1
(21) PCT/JP01/10056
(22) 16 Nov/nov 2001 (16.11.2001)
(25) ja (26) ja
(43) 22 May/mai 2003 (22.05.2003)
(54) • FUEL INJECTION VALVE
• SOUPAPE D'INJECTION DE CARBU-
RANT
(71) HITACHI, LTD. [JP/JP]; 6, Kanda Suru-
gadai 4-chome, Chiyoda-ku, Tokyo 101-8010
(JP). HITACHI CAR ENGINEERING
CO., LTD. [JP/JP]; 2477, Tabaka, Hitachi-
naka-shi, Ibaraki 312-0062 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) SHIMIZU, Syuichi [JP/JP]; c/o Hitachi
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Hitachinaka-shi, Ibaraki 312-0062 (JP).
KAGIYAMA, Arata [JP/JP]; c/o Hitachi,
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Takaba, Hitachinaka-shi, Ibaraki 312-0062
(JP). GUNJI, Kenichi [JP/JP]; Hitachi Car
Engineering Co., Ltd., 2477, Takaba, Hitachi-
naka-shi, Ibaraki 312-0062 (JP).
(74) OGAWA, Katsuo; Nitto International Patent
Office, Yusenkayabacho Building, 9-8, Ni-
hoonbashi-kayabacho 2-chome, Chuo-ku,
Tokyo 103-0025 (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 F02M 27/04, F02B 51/04
(11) WO 03/042527 (13) A1
(21) PCT/RU02/00482
(22) 10 Nov/nov 2002 (10.11.2002)
(25) ru (26) ru
(30) 2001130192 12 Nov/nov 2001 RU
(12.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD AND DEVICE FOR PREPAR-
ING FUEL
• PROCEDE ET DISPOSITIF DE PREPA-
RATION DE CARBURANT
(71, 72) DHAVAN, Vivek [IN/RU]; ul.
Godovikova, 12-2-103, Moscow, 129085
(RU). GUSKOV, Vladimir Petrovich
[RU/RU]; ul. Sviyazeva, 10-68, Perm,
614012 (RU).
(72, 75) DAVLETSHIN, Rashit Hasanshaevich
[RU/RU]; ul. Cherdinskaya, 44-14, Perm,

- 614088 (RU). **LYSENKOV, Valeriy Aleksandrovich** [RU/RU]; ul. Samoletnaya, 54-8, Perm, 614022 (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 ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ F02M 27/04, F02B 51/04
- (11) WO 03/042528 (13) A1
- (21) PCT/RU02/00483
- (22) 10 Nov/nov 2002 (10.11.2002)
- (25) ru (26) ru
- (30) 2001130191 12 Nov/nov 2001 RU (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND DEVICE FOR PREPARING FUEL
- PROCEDE ET DISPOSITIF DE PREPARATION DE CARBURANT
- (71, 72) **DHAVAN, Vivek** [IN/RU]; ul. Godovikova, 12-2-103, Moscow, 129085 (RU). **GUSKOV, Vladimir Petrovich** [RU/RU]; ul. Sviyazeva, 10-68, Perm, 614012 (RU).
- (72, 75) **DAVLETSHIN, Rashit Hasanshaevich** [RU/RU]; ul. Cherdinskaya, 44-14, Perm, 614088 (RU). **LYSENKOV, Valeriy Aleksandrovich** [RU/RU]; ul. Samoletnaya, 54-8, Perm, 614022 (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 ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F02M 39/02, 41/12
- (11) WO 03/042529 (13) A1
- (21) PCT/DE02/03803
- (22) 9 Oct/oct 2002 (09.10.2002)
- (25) de (26) de
- (30) 101 55 522.9 12 Nov/nov 2001 DE (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DISTRIBUTOR INJECTION PUMP COMPRISING A PRETENSIONED FORCE TRANSMISSION ELEMENT
- POMPE D'INJECTION A DISTRIBUTEUR POURVUE D'UN ELEMENT DE TRANSMISSION DE FORCE PRECONTRAINT
- (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) **SCHOETZ, Alfons**; Muenchinger Strasse 6, 71254 Ditzingen (DE).
- (81) CN IN JP US.
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- (51)⁷ F02M 59/36, 47/02, 57/02
- (11) WO 03/042530 (13) A1
- (21) PCT/DE02/03796
- (22) 8 Oct/oct 2002 (08.10.2002)
- (25) de (26) de
- (30) 101 55 674.8 13 Nov/nov 2001 DE (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • FUEL INJECTION DEVICE FOR AN INTERNAL COMBUSTION ENGINE
- DISPOSITIF D'INJECTION DE CARBURANT CONÇU POUR UN MOTEUR A COMBUSTION INTERNE
- (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) **RODRIGUEZ-AMAYA, Nestor** [DE/DE]; Dennerstr. 70, 70372 Stuttgart (DE). **HOLLMANN, Christoph** [DE/DE]; Am Ring 68/1, 71642 Ludwigsburg (DE). **SCHMIDT, Uwe** [DE/DE]; Ritterstr. 15, 71665 Vaihingen/Enz (DE). **GREIF, Hubert** [DE/DE]; Platanenweg 53, 71706 Markgroeningen (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ F02M 61/16
- (11) WO 03/042531 (13) A1
- (21) PCT/DE02/04119
- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) de (26) de
- (30) 101 55 413.3 10 Nov/nov 2001 DE (10.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • VALVE FOR THE CONTROL OF FLUIDS
- SOUPAPE PERMETTANT DE COMMANDER LE PASSAGE DE LIQUIDES
- (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) **KIENZLER, Dieter** [DE/DE]; Neukoellner Str. 6, 71229 Leonberg (DE). **UHLMANN, Dietmar** [DE/DE]; Rosenstr. 48, 71704 Korb (DE).
- (81) CN JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ F02P 3/02, H01F 38/12
- (11) WO 03/042532 (13) A1
- (21) PCT/DE02/04201
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) de (26) de
- (30) 101 55 676.4 13 Nov/nov 2001 DE (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • BAR COIL FOR IGNITION UNITS
- BOBINE TIGE POUR SYSTEMES D'ALLUMAGE
- (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) **GROEZINGER, Stefan** [DE/DE]; Im Kanzelthal 19 A, 87544 Blaichach (DE). **DETELS, Lothar** [DE/DE]; Bergstrasse 7, 87545 Burgberg (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ F02P 23/04
- (11) WO 03/042533 (13) A1
- (21) PCT/EP02/07202
- (22) 29 Jun/juin 2002 (29.06.2002)
- (25) de (26) de
- (30) 101 56 410.4 16 Nov/nov 2001 DE (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • IGNITION SYSTEM AND METHOD FOR AN INTERNAL COMBUSTION ENGINE COMPRISING MICROWAVE SOURCES
- SYSTEME ET PROCEDE D'ALLUMAGE POUR UN MOTEUR A COMBUSTION INTERNE DOTE DE SOURCES DE MICRO-ONDES
- (71) **BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT** [DE/DE]; Petuelring 130, 80809 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STIEGLER, Ottmar** [DE/DE]; Schwalbenweg 6, 82054 Sauerlach (DE).
- (74) **SCHMIDT, Günter et al. / etc.**; BMW AG, Patentabteilung AJ-3, 80788 München (DE).
- (81) AU BA BB BG BR CA CN CZ EE GE HR HU ID IL IN IS JP KR LK LT LV MA MX NO NZ PH PL RO RU SG SI SK UA US 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 F04B 1/00
- (11) WO 03/042534 (13) A2
- (21) PCT/DE02/02780
- (22) 27 Jul/juil 2002 (27.07.2002)
- (25) de (26) de
- (30) 101 50 351.2 15 Oct/oct 2001 DE (15.10.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PUMP ELEMENT AND PISTON PUMP FOR GENERATING HIGH FUEL PRESSURE
- ELEMENT POMPE ET POMPE A PISTON PERMETTANT LA GENERATION

D'UNE HAUTE PRESSION DE CARBURANT

(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) **DIAFERIA, Antonio** [IT/IT]; Via E. Zola, 5, I-70033 Corato (IT). **PUTIGNANO, Giuseppe** [IT/IT]; Via Meledandri, 2, I-70015 Noci (IT). **POLITO, Stefano** [IT/IT]; Via Filippo Turati, 10, I-70125 Bari (IT). **RONALDO, Sandra** [IT/IT]; Via dei Mille, 7, I-40121 Bologna (IT).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ F04B 15/02

(11) WO 03/042535 (13) A1

(21) PCT/EP02/12248

(22) 2 Nov/nov 2002 (02.11.2002)

(25) de (26) de

(30) 101 55 787.6 14 Nov/nov 2001 DE (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MATERIAL FEEDING CONTAINER FOR TWO-CYLINDER THICK MATTER PUMPS

• RESERVOIR D'ALIMENTATION EN MATERIAU POUR POMPES A DEUX CYLINDRES POUR LIQUIDES EPAIS

(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) **HURR, Hellmut** [DE/DE]; Wilhelm-Kuhn-Strasse 99, 72760 Reutlingen (DE).

(74) **WOLF, Eckhard** et al. / etc.; Wolf & Lutz, Hauptmannsreute 93, 70193 Stuttgart (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F04B 17/00, 35/04

(11) WO 03/042536 (13) A1

(21) PCT/US02/36156

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 10/013,311 12 Nov/nov 2001 US (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • BILGE PUMP

• POMPE DE CALE

(71) **SHURFLO PUMP MANUFACTURING COMPANY, INC.** [US/US]; 5900 Katella Avenue, Cypress, CA 90630 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PATEL, Anil, B.** [US/US]; 3746 First Avenue, La Crescenta, CA 91214 (US). **BABSON, Brian, A.** [US/US]; 17096 Santa Madrina Street, Fountain Valley, CA 92708 (US).

(74) **FELLOWS, Gerald, L.** et al. / etc.; Michael Best & Friedrich LLP, 100 East Wisconsin Avenue, Ste. 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 US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F04B 35/04

(11) WO 03/042537 (13) A1

(21) PCT/JP02/11927

(22) 15 Nov/nov 2002 (15.11.2002)

(25) ja (26) ja

(30) 2001-350629 15 Nov/nov 2001 JP (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • LINEAR COMPRESSOR

• COMPRESSEUR LINEAIRE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(72) **AKAZAWA, Teruyuki**; 8-420-26, Kibougaokahonmachi, Kounan-cho, Kouga-gun, Shiga 520-3332 (JP). **KAWAHARA, Sadao**; 15-14, Ikenosato, Otsu-shi, Shiga 520-0827 (JP). **OGAWA, Nobuaki**; 7-14-9, Sato, Otsu-shi, Shiga 520-2276 (JP). **HASEGAWA, Hiroshi**; A204, 3-23, Higashitoyonaka-cho, Toyonaka-shi, Osaka 560-0003 (JP).

(74) **SHIMIZU, Yoshihiro** et al. / etc.; 3rd Floor, Yoshiro Building, 14-4, Takadanobaba 2-chome, Shinjuku-ku, Tokyo 169-0075 (JP).

(81) CN KR.

(51)⁷ F04B 37/16

(11) WO 03/042538 (13) A2

(21) PCT/KR02/02085

(22) 9 Nov/nov 2002 (09.11.2002)

(25) ko (26) en

(30) 2001-0034736U 12 Nov/nov 2001 KR (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A VACUUM GENERATOR

• GENERATEUR DE VIDE

(71, 72) **KIM, Jung, Soo** [KR/KR]; Doremi Precision Co., Ltd., 597-3, Janggok-Eup, Jori-Myun, Paju-Si, Kyunggi-Do, 413-825 (KR).

(81) AE AT AU BG BR CA CH CN CO CR CU DE DK DM ES FI GB GE HU ID IL IN IS JP KP LK LT LU MA MX NO NZ PH PL PT RO RU SD SE SG TR UA US 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F04C 2/344, 15/00, 15/02

(11) WO 03/042539 (13) A1

(21) PCT/EP01/13402

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • ROLLER VANE PUMP

• POMPE ROTATIVE A ROULEAUX

(71) **VAN DOORNE'S TRANSMISSIE B.V.** [NL/NL]; Patents Department, P.O. Box 500, NL-5000 AM Tilburg (NL).

(72) **VAN DER SLUIS, Francis, Maria, Antonius**; Van Merodestraat 19, NL-5271 HP Sint Michielsgestel (NL). **VAN SPIJK, Johannes, Gerardus, Ludovicus, Maria**; Julianastraat 31, NL-5151 VT Drunen (NL).

(74) **VAN DOORNE'S TRANSMISSIE B.V.**; Patents Department, P.O. Box 500, NL-5000 AM Tilburg (NL).

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ F04C 18/02

(11) WO 03/042540 (13) A1

(21) PCT/KR02/01146

(22) 18 Jun/juin 2002 (18.06.2002)

(25) ko (26) en

(30) 2001/71493 16 Nov/nov 2001 KR (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CHECK VALVE OF SCROLL COMPRESSOR

• SOUPEPE ANTIRETOUR DE COMPRESSEUR

(71) **LG ELECTRONICS INC.** [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, 150-010 Seoul (KR).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **KIM, Su-Chul** [KR/KR]; LG Dormitory, H-312, 14-5, Gaumjung-Dong, Changwon, 641-711 Kyungsangnam-Do (KR).

(74) **PARK, Jang-Won**; Jewoo Bldg, 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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 F04C 18/16, 23/00, 29/04, 18/08, F01C 21/10
- (11) WO 03/042541 (13) A1
- (21) PCT/EP02/12086
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) de (26) de
- (30) 101 56 180.6 15 Nov/nov 2001 DE (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • COOLED SCREW-TYPE VACUUM PUMP
- POMPE A VIDE A VIS REFROIDIE
- (71) LEYBOLD VAKUUM GMBH [DE/DE]; Bonner Str. 498, 50968 Köln (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BEHLING, Manfred [DE/DE]; Schulze-Delitzsch-Str. 29, 50968 Köln (DE). KRIEHN, Hartmut [DE/DE]; Uhuweg 72, 50997 Köln (DE). ROFALL, Klaus [DE/DE]; Nelkenweg 8, 51503 Rösrath (DE). STEFFENS, Ralf [DE/DE]; Im Wolfischbühl 37/4, 79585 Steinen (DE).
- (74) LEINEWEBER, Jürgen; Aggerstr. 24, 50859 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F04C 29/06
- (11) WO 03/042543 (13) A1
- (21) PCT/KR01/01963
- (22) 16 Nov/nov 2001 (16.11.2001)
- (25) en (26) en
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MUFFLER FOR HERMETIC ROTARY COMPRESSOR
- SILENCIEUX POUR COMPRESSEUR ROTATIF HERMETIQUE
- (71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 151-721 (KR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KIM, Young-Jong [KR/KR]; Il-dong-Hanshin Apt. 102-601, 883 Oe-Dong, Kimhae, Kyongsangnam-Do 621-919 (KR). HA, Jong-Hun [KR/KR]; Daedong Apt. 113-906, Sangnam-Dong, Changwon, Kyongsangnam-Do 641-777 (KR). AHN, Byung-Ha [KR/KR]; Samjung-Green-Core Apt. 110-603, Sajik2-Dong, Dongrae-Ku, Busan 607-766 (KR). KIM, Kwang-Ho [KR/KR]; Daedong Apt. 202-501, Jangyu-Myeon, Kimhae, Kyongsangnam-Do 621-830 (KR). BYUN, Sang-Myung [KR/KR]; LG Dormitory A-309, Gaeumjung-Dong, Changwon, Kyongsangnam-Do 641-711 (KR).
- (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 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F04C 18/16, 23/00, 29/04, 18/08, 29/10
- (11) WO 03/042542 (13) A1
- (21) PCT/EP02/12087
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) de (26) de
- (30) 101 56 179.2 15 Nov/nov 2001 DE (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • TEMPERING METHOD FOR A SCREW-TYPE VACUUM PUMP
- PROCEDE DE MAINTIEN A LA TEMPERATURE VOULUE D'UNE POMPE A VIDE A VIS
- (71) LEYBOLD VAKUUM GMBH [DE/DE]; Bonner Strasse 498, 50968 Köln (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KRIEHN, Hartmut [DE/DE]; Uhuweg 72, 50997 Köln (DE). ROFALL, Klaus [DE/DE]; Am Eichenwäldchen 17, 50996 Köln (DE). BEHLING, Manfred [DE/DE];
- Schulze-Delitzsch-Strasse 29, 50968 Köln (DE).
- (74) LEINEWEBER, Jürgen; Aggerstr. 24, 50859 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F04D 25/14
- (11) WO 03/042544 (13) A1
- (21) PCT/EP02/12498
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) GE2001A000089 14 Nov/nov 2001 IT (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • GOVERNOR DEVICE FOR ACTUATION OF FAN SHUTTERS
- DISPOSITIF DE REGULATION POUR ACTIONNER DES OBTURATEURS DE VENTILATEUR
- (71, 72) PERICOLI, Roberto [IT/IT]; Via Patrioti Rione Risorgimento, 118/3, I-17031 Albenga (IT).
- (74) PORZIA, Attilio et al. / etc.; Succ. Ing. Fischetti & Weber, Via Caffaro, 3/2, I-16124 Genova (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F04D 25/16, 29/02, 29/44
- (11) WO 03/042545 (13) A1
- (21) PCT/FI02/00885
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) en (26) en
- (30) 20012184 12 Nov/nov 2001 FI (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • HIGH-PRESSURE FAN
- VENTILATEUR HAUTE PRESSION
- (71) FLÄKT WOODS AB [SE/SE]; Fläktgatan 1, S-55184 Jönköping (SE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SARIN, Dan [FI/FI]; Perustie 18 A 18, FIN-00330 Helsinki (FI). LINDROOS, Kåre [FI/FI]; Kavallinpuisto 12 B, FIN-02710 Espoo (FI). TALLGREN, Joni [FI/FI]; Nurmiantie 24, FIN-01800 Klaukkala (FI). SANDBERG, Ilppo [FI/FI]; Isonjärvenranta 6 B 4, FIN-02940 Espoo (FI). KUOKKANEN, Jari [FI/FI]; Jönsaksenpolku 4 A 14, FIN-01600 Vantaa (FI). BLÄFIELD, Jukka [FI/FI]; Virkatilantie 8, FIN-02920 Espoo (FI). MAJAMÄKI, Olli [FI/FI]; Jupiterintie 13, FIN-00750 Helsinki (FI).
- (74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model

/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F04D 29/28

(11) WO 03/042546 (13) A1

(21) PCT/KR02/02116

(22) 12 Nov/nov 2002 (12.11.2002)

(25) ko (26) en

(30) 2001/70359 13 Nov/nov 2001 KR
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • BIDIRECTIONAL INDRAFT TYPE
CENTRIFUGAL FAN AND COOLING
APPARATUS FOR COMPUTER

• VENTILATEUR CENTRIFUGE A SUC-
CION BIDIRECTIONNELLE ET DISPO-
SITIF DE REFROIDISSEMENT POUR
ORDINATEUR

(71) LG INNOTEK CO., LTD [KR/KR]; 14th
Fl. Hansol Bldg., 736-1, Yoksam-dong,
Kangnam-gu, 135-983 Seoul (KR).

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les États désignés sauf US)

(72, 75) JANG, Sung-Wook [KR/KR]; 2/3,
Sangsu-dong 234-1, mapo-gu, 121-828 Seoul
(KR).

(74) HAW, Yong-Noke; 8th Fl. Songchon Bldg.,
642-15 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 KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F07F

(11) WO 03/042547 (13) A2

(21) PCT/EP02/12074

(22) 29 Oct/oct 2002 (29.10.2002)

(25) de (26) de

(30) 101 56 394.9 16 Nov/nov 2001 DE
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CONTROLLED PROGRAM EXECU-
TION BY A PORTABLE DATA CAR-
RIER

• EXECUTION CONTROLEE D'UN PRO-
GRAMME PAR UN SUPPORT DE DON-
NEES PORTABLE

(71) GIESECKE & DEVRIENT GMBH
[DE/DE]; Prinzregentenstrasse 159, 81677
München (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WEISS, Dieter [DE/DE]; Brucknerstr.
25, 81677 München (DE).

(74) DENDORFER, Claus; Wächtershäuser &
Hartz, Tal 29, 80331 München (DE).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SD SE SG SI SK (Utility model /
modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les
designations 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 TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD
SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD
RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE
ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(51)⁷ F15B 15/14, F16J 10/04

(11) WO 03/042548 (13) A1

(21) PCT/IL02/00907

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 146506 15 Nov/nov 2001 IL
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • HYDRAULIC AND PNEUMATIC
CYLINDERS WITH POLYMER COAT-
ING

• CYLINDRES HYDRAULIQUES ET
PNEUMATIQUES A REVETEMENT
POLYMERE

(71) NEW-CYL LTD. [IL/IL]; Nahal Soreq,
81800 Yavne (IL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GINZBURG, Yuri [IL/IL]; 15 Ha-Ver-
radim Street, 44853 Ginot Shomron (IL).
CHESNOKOV, Nikolay [RU/RU]; 9/3
Hlopoin Street, St. Petersburg (RU). BEILIN,
Vadim [IL/IL]; 12/14 Eli Cohen, 43315
Ra'anana (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 SC SD SE SG SI SK SL TJ TM TN TR

TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F15B 15/24, F16K 1/52

(11) WO 03/042549 (13) A1

(21) PCT/US02/36855

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 60/335,626 15 Nov/nov 2001 US
(15.11.2001)

(30) 10/144,285 10 May/mai 2002 US
(10.05.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CONTROL VALVE FLOW ADJUSTE-
MENT DEVICE

• DISPOSITIF DE REGLAGE DU DEBIT
A SOUPAPE DE COMMANDE

(71) FISHER CONTROLS INTERNA-
TIONAL LLC [US/US]; K-Annex, 8100
West Florissant Avenue, St. Louis, MO
63136 (US).

(72) HALL, Randy, Jerold; 2728 Garwin Road,
Marshalltown, IA 50158 (US). BURR,
Ronald, Charles; 1004 Fremont Street, Mar-
shalltown, IA 50158 (US). STIEHL, Mark,
Douglas; 2606 Hilltop Drive, Marshall-
town, IA 50158 (US). BURLAGE, Brian,
J.; 2512 Starry Grove Road, Marshalltown,
IA 50158-9587 (US). CARTWRIGHT,
Carter, B.; 2027 Wyngate Drive, Ames, IA
50010-3926 (US).

(74) HEPPERMAN, Roger, A.; Marshall,
Gerstein & Borun, 6300 Sears Tower, 233 S.
Wacker Drive, Chicago, IL 60606-6357 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F15B 15/26

(11) WO 03/042550 (13) A1

(21) PCT/SE02/01841

(22) 8 Oct/oct 2002 (08.10.2002)

(25) sv (26) en

(30) 0103380-2 10 Oct/oct 2001 SE
(10.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SELF-ACTING LOCK CYLINDER AND DEVICE FOR INDICATION OF THE CONDITION OF THE LOCK CYLINDER

• CYLINDRE DE BLOCAGE AUTOMATIQUE ET DISPOSITIF RENSEIGNANT SUR L'ETAT DUDIT CYLINDRE

(71) HYDROTECH CONSTRUCTION COMPANY AB [SE/SE]; Box 4215, S-443 15 Gråbo (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WALLIN, Lars [SE/SE]; Brattåsvägen 44 A, S-443 42 Gråbo (SE).

(74) STRÖM & GULLIKSSON IP AB; Sjöporten 4, S-417 64 Göteborg (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ F16B

(11) WO 03/042551 (13) A2

(21) PCT/US02/35508

(22) 5 Nov/nov 2002 (05.11.2002)

(25) en (26) en

(30) 60/345,105 9 Nov/nov 2001 US (09.11.2001)

(30) 10/272,721 17 Oct/oct 2002 US (17.10.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • NUT PLATE

• PLAQUE ECROU

(71) TEXTRON INC. [US/US]; 40 Westminster Street, Providence, RI 02903 (US).

(72) TOOSKY, Rahmatollah, F.; 7119 Tierras Altas, San Clemente, CA 92673 (US).

(74) GIANGIORGI, Richard, A. et al. / etc.; Trexler, Bushnell, Giangiorgi, Blackstone & Marr, Ltd., 36th Floor, 105 West Adams Street, Chicago, IL 60603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16B

(11) WO 03/042552 (13) A2

(21) PCT/US02/36224

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 10/010,361 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • QUICK RELEASE ASSEMBLY

• ENSEMBLE A DESSERRAGE RAPIDE

(63) US 10/010,361 (CON) 13 Nov/nov 2001 (13.11.2001)

(71, 72) DENBY, Michael, L. [US/US]; 6643 East Aster Drive, Scottsdale, AZ 85254 (US).

(74) GOLTRY, Michael, W.; 340 East Palm Lane, Suite 260, Phoenix, AZ 85004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16B 5/04

(11) WO 03/042553 (13) A1

(21) PCT/EP02/12575

(22) 11 Nov/nov 2002 (11.11.2002)

(25) de (26) de

(30) 101 56 402.3 13 Nov/nov 2001 DE (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FASTENING SYSTEM

• SYSTEME DE FIXATION

(71) NEWFREY LLC [US/US]; Drummond Plaza Office Park, 1423 Kirkwood Highway, Newark, DE 19711 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SALTENBERGER, Reimar [DE/DE]; Aussiedlerhof, 35641 Niederwetz (DE). LAUTNER, Siegfried [DE/DE]; Im Breiten Feld 7, 73529 Schwäbisch Gmünd (DE). SCHNEIDER, Stefan [DE/DE]; Briesselsstrasse 17, 35274 Kirchhain (DE).

(74) HAAR, Lucas, H. et al. / etc.; Patentanwälte Haar & Schwarz-Haar, Lessingstrasse 3, 61231 Bad Nauheim (DE).

(81) CA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ F16B 5/08, B23K 9/20

(11) WO 03/042554 (13) A1

(21) PCT/EP02/12468

(22) 8 Nov/nov 2002 (08.11.2002)

(25) de (26) de

(30) 101 56 403.1 13 Nov/nov 2001 DE (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FIXING SYSTEM

• SYSTEME DE FIXATION

(71) BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT [DE/DE]; Petuelring 130, 80809 München (DE).

(only for / seulement pour AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(71) NEWFREY LLC [US/US]; Drummond Plaza Office Park, 1423 Kirkwood Highway, Newark, DE 19711 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUBER, Hubert [DE/DE]; Schlossstrasse 24, 84186 Vilsheim (DE). SCHNEIDER, Joachim [DE/DE]; Brückenstrasse 17, 35630 Ehringshausen (DE). PFUNDTNER, Franz [DE/DE]; Ludwig-Lehnert-Strasse 25, 94377 Steinach (DE). DREXLER, Frenk [DE/DE]; In den Rosengärten 15, 63683 Ortenberg (DE).

(74) STEIL, C. et al. / etc.; Witte, Weller & Partner, Postfach 105462, 70047 Stuttgart (DE).

(81) CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ F16B 35/06, 39/282

(11) WO 03/042555 (13) A1

(21) PCT/SE02/02080

(22) 14 Nov/nov 2002 (14.11.2002)

(25) sv (26) en

(30) 0103811-6 16 Nov/nov 2001 SE (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SCREW

• VIS

(71) VOLVO LASTVAGNAR AB [SE/SE]; S-405 08 Göteborg (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAGNUSSON, Sture [SE/SE]; Båtsman Gräs gata 69, S-422 57 Hisings Backa (SE).

(74) ALBIHNS GÖTEBORG AB; P.O. Box 142, S-401 22 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ F16B 37/02, 5/02, H02G 3/00, 3/08
 (11) WO 03/042556 (13) A1
 (21) PCT/JP02/11983
 (22) 15 Nov/nov 2002 (15.11.2002)
 (25) ja (26) ja
 (30) 2001-350395 15 Nov/nov 2001 JP
 (15.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • MOUNTING BODY FOR ATTACHMENT TO BOLT BODY AND NUT BODY
 • CORPS DE MONTAGE A FIXER SUR UN CORPS DE BOULON ET CORPS D'ECROU
 (71) MIRAI KOGYO KABUSHIKIKAIISHA [JP/JP]; 1695-1, Niremata, Wanouchi-cho, Anpachi-gun, Gifu 503-0295 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) SHIMIZU, Shohachi [JP/JP]; c/o MIRAI KOGYO KABUSHIKIKAIISHA, 1695-1, Niremata, Wanouchi-cho, Anpachi-gun, Gifu 503-0295 (JP).
 (74) HIROE, Takenori; 4-3, Usa 3-chome, Gifu-shi, Gifu 500-8368 (JP).
 (81) CN JP KR US.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ F16B 37/04, 33/06
 (11) WO 03/042557 (13) A1
 (21) PCT/US02/34608
 (22) 30 Oct/oct 2002 (30.10.2002)
 (25) en (26) en
 (30) 60/340,905 30 Oct/oct 2001 US
 (30.10.2001)
 (30) 60/391,809 25 Jun/juin 2002 US
 (25.06.2002)
 (30) 60/398,258 24 Jul/juil 2002 US
 (24.07.2002)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • FLOATING NUT CAGE FASTENER
 • ELEMENT DE FIXATION D'ECROU A CAGE FLOTTANT
 (71) NEWFREY LLC [US/US]; Drummond Plaza Office Park, 1423 Kirkwood Highway, Newark, DE 19711 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) YAKE, Donald, L. [US/US]; 3565 N 450 E., Bluffton, IN 46714-9212 (US). TAYLOR, Timothy, O. [US/US]; 4601 E 300 S., Marion, IN 46953-9172 (US). LOMBARDO, Brian [US/US]; 11 Buckridge Drive, 22490 Eddy Drive, Macomb Township, MI 48044 (US). MURPHY, Edward, D. [US/US]; 16018 Falls Road, Sparks, MD 21152-9576 (US). MILLER, Rex [US/US]; 4337 Forest Drive, Waterford, MI 48328 (US).
 (74) BROCK, Christopher, M. et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).
 (81) JP US.
-
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
 Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ F16B 39/10, 41/00
 (11) WO 03/042558 (13) A1
 (21) PCT/ES02/00531
 (22) 14 Nov/nov 2002 (14.11.2002)
 (25) es (26) es
 (30) U 0102768 14 Nov/nov 2001 ES
 (14.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • LOCK SCREW
 • VIS DE SECURITE
 (71, 72) BERNUZ TOLEDO, Javier [ES/ES]; Avenida Tomás Giménez, 21, 3º, 2ª, E-08906 Hospitalet de Llobregat (ES).
 (74) PADULLES CAPDEVILA, Martín; Calle Enric Granados, 21, PRAL. 1ª, E-08007 Barcelona (ES).
 (81) ES.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ F16C 11/10, H04M 1/02, H05K 5/03
 (11) WO 03/042559 (13) A1
 (21) PCT/JP02/11829
 (22) 13 Nov/nov 2002 (13.11.2002)
 (25) ja (26) ja
 (30) 2001-351445 16 Nov/nov 2001 JP
 (16.11.2001)
 (30) 2002/96524 29 Mar/mar 2002 JP
 (29.03.2002)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • OPEN/CLOSE DEVICE AND ELECTRONIC EQUIPMENT USING THE DEVICE
 • DISPOSITIF D'OUVERTURE/FERMETURE ET EQUIPEMENT ELECTRONIQUE UTILISANT CE DISPOSITIF
 (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) MINAMI, Katsuichi [JP/JP]; 26-53, Nakai, Obama-shi, Fukui 917-0036 (JP). SAKAI, Koji [JP/JP]; 1-3-24-201, Kanawa-cho, Tsuruga-shi, Fukui 914-0055 (JP). KUDO, Yasuchika [JP/JP]; 25-9-5, Fukutani, Obama-shi, Fukui 917-0001 (JP). NAKASE, Masaki [JP/JP]; 3-25, Minami-gawa-cho, Obama-shi, Fukui 917-0075 (JP). NAKASE, Yusho [JP/JP]; 93-27, Hongo, Oi-cho, Oi-gun, Fukui 919-2111 (JP). KONJA, Takehiko [JP/JP]; 32-1-11, Kushikawa, Tsuruga-shi, Fukui 914-0821 (JP). TSUDA, Tatsuya [JP/JP]; 4-10, Ichiban-cho, Obama-shi, Fukui 917-0071 (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 DE KR US.
 (51)⁷ F16C 29/04, 35/077, 19/52
 (11) WO 03/042560 (13) A1
 (21) PCT/US02/35124
 (22) 30 Oct/oct 2002 (30.10.2002)
 (25) en (26) en
 (30) 10/011,823 6 Nov/nov 2001 US
 (06.11.2001)
 (30) 10/176,250 19 Jun/juin 2002 US
 (19.06.2002)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • BEARING WITH REDUCED FLUTING
 • PALIER A RAINURAGE REDUIT
 (71) PRECOR INCORPORATED [US/US]; 20031 142nd Avenue NE, Woodinville, WA 98072 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) BRAMEL, Rodney [US/US]; 10316 NE 187th Street #405, Bothell, WA 98011 (US). SILBERNAGEL, Robert [US/US]; 6821 23rd Avenue NE, Seattle, WA 98115 (US). LAMB, Philip, S. [US/US]; Apartment E103, 12023 NE 204th Place, Bothell, WA 98011 (US).
 (74) LEEK, Shoko, I.; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 Published / Publiée : (c)
-
- (51)⁷ F16C 29/06
 (11) WO 03/042561 (13) A1
 (21) PCT/SE02/02059
 (22) 12 Nov/nov 2002 (12.11.2002)
 (25) sv (26) en
 (30) 0103801-7 15 Nov/nov 2001 SE
 (15.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • ARRANGEMENT AT A SLIDE MOVABLE ON A GUIDE
 • MECANISME POUR COULISSEAU SE DEPLAÇANT SUR UNE GLISSIERE
 (71) Q-BRAKE [SE/SE]; Sapphultsgatan 7, S-464 34 Mellerud (SE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) GRANBOM, Bo [SE/SE]; Kolungens Gärd, S-464 92 Mellerud (SE).
 (74) ZACCO SWEDEN AB et al. / etc.; P.O. Box 23101, Sveavägen 170, S-104 35 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16C 33/10, 9/02

(11) WO 03/042562 (13) A1

(21) PCT/EP01/13194

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • BEARING
• PALIER

(71) MAN B & W DIESEL A/S [DK/DK]; Tegholmsholmsgade 41, DK-2450 Copenhagen SV (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAU-MADSEN, Niels, Kristian [DK/DK]; Eggervsvej 45, DK-2900 Hellerup (DK).

(74) VAN WALSTIJN, B., Gerard, G.; Walstijn Intellectual Property, Parkovsvej 3, DK-2820 Gentofte (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 TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16C 33/78, F16H 55/36

(11) WO 03/042563 (13) A1

(21) PCT/JP02/11693

(22) 8 Nov/nov 2002 (08.11.2002)

(25) ja (26) ja

(30) 2001-348043 13 Nov/nov 2001 JP (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SEALED BALL BEARING
• ROULEMENT A BILLES ETANCHE

(71) NSK LTD. [JP/JP]; 6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo 141-8560 (JP).
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(72, 75) ISHIGURO, Hiroshi [JP/JP]; c/o NSK Ltd., 5-50, Kugenumashinmei 1-chome, Fujisawa-shi, Kanagawa 251-8501 (JP). OHATA, Toshihisa [JP/JP]; c/o NSK Ltd., 5-50, Kugenumashinmei 1-chome, Fujisawa-shi, Kanagawa 251-8501 (JP). HIRAYAMA, Yasuhiro [JP/JP]; c/o NSK Ltd., 5-50, Kugenumashinmei 1-chome, Fujisawa-shi, Kanagawa 251-8501 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16D

(11) WO 03/042564 (13) A2

(21) PCT/US02/36159

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 10/053,128 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FULL-TIME TRANSFER CASE WITH SYNCHRONIZED RANGE SHIFT AND CONTROLLABLE BI-DIRECTIONAL CLUTCH
• BOITE DE TRANSFERT INTEGRALE PERMANENTE A RAPPORTS SYNCHRONISES ET EMBRAYAGE BIDIRECTIONNEL A COMMANDE MANUELLE

(63) US 10/053,128 (CON) 13 Nov/nov 2001 (13.11.2001)

(71) NEW VENTURE GEAR, INC. [US/US]; Suite 300, 1650 Research Drive, Troy, MI 48083 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILLIAMS, Randolph, C. [US/US]; 8836 S. Willow Street, Weedsport, NY 13166 (US).

(74) RETTIG, Philip, E. et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ F16D 55/228, 65/22

(11) WO 03/042565 (13) A1

(21) PCT/SE02/00936

(22) 16 May/mai 2002 (16.05.2002)

(25) sv (26) en

(30) 0102534-5 13 Jul/juil 2001 SE (13.07.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DISC BRAKE
• FREIN A DISQUE

(71) VOLVO TRUCK CORPORATION [SE/SE]; S-405 08 Göteborg (SE).
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(72, 75) HULTEN, Johan [SE/SE]; Paradisgatan 29C, S-413 16 Göteborg (SE). DAGH, Ingemar [SE/SE]; Skepparegängen 8, S-413 18 Göteborg (SE).

(74) FRÖHLING, Werner; Volvo Technological Corporation, Corporate Patents, CTP, 06820, Sven Hultins Gata 9C, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16F

(11) WO 03/042566 (13) A2

(21) PCT/GB02/05111

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 0127375.4 14 Nov/nov 2001 GB (14.11.2001)

(30) 0203016.1 8 Feb/fév 2002 GB (08.02.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A STIRLING ENGINE ASSEMBLY

• ENSEMBLE MOTEUR STIRLING

(71) MICROGEN ENERGY LIMITED [GB/GB]; 100 Thames Valley Park Drive, Reading, Berkshire RG6 1PT (GB).

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(72, 75) GREGORY, Adam, Richard [GB/GB]; 80 Blackwood, Coalville, Leicestershire LE67 4RF (GB). CLARK, David, Anthony [GB/GB]; 4 Mill Dam, Hugglescote, Leicestershire LE67 2B (GB). HYDE, Julie, Patricia [GB/GB]; 150 Barn Lane, Olton, Solihull, West Midlands B92 7LZ (GB). JENNAWAY, David, Michael [GB/GB]; The Old Woodyard, Prestwold, Loughborough, Leicestershire LE12 5SH (GB).

(74) DRAPER, Martyn, John et al. / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement(51)⁷ F16F

(11) WO 03/042567 (13) A2

(21) PCT/US02/14950

(22) 9 May/mai 2002 (09.05.2002)

(25) en (26) en

(30) 10/010,006 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • VIBRATION-ISOLATING DEVICE

• DISPOSITIF D'ISOLATION DE VIBRATIONS

(71) R.M. WADE & CO. [US/US]; 9995 SW Avery Street, Tualatin, OR 97062 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILLIAMS, Michael, Burns [US/US]; 4 Brittens Court, Lake Oswego, OR 97035 (US).

(74) KOLISCH, Pierre, J. et al. / etc.; Kolisch Hartwell Dickinson McCormack & Heuser, 520 S.W. Yamhill St., Suite 200, 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES

FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16F

(11) WO 03/042568 (13) A2

(21) PCT/US02/21869

(22) 20 Feb/fév 2002 (20.02.2002)

(25) en (26) en

(30) 09/785,401 20 Feb/fév 2001 US (20.02.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CONTROLLABLE EQUIPMENT MOUNT

• SUPPORT D'EQUIPEMENT ORIENTABLE

(71) NEWPORT NEWS SHIPBUILDING [US/US]; 4101 Washington Avenue, Newport News, VA 23607 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GARIS, Chester, A. [US/US]; 7119 Hopkins Circle, Gloucester, VA 23061 (US).

(74) OWENS, Kerry, H. et al. / etc.; Intellectual Property Departement, Hunton & Williams, 1900 K Street, N.W., Suite 1200, Washington, DC 20006-1109 (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16F 1/02, 1/18, B05B 11/04

(11) WO 03/042569 (13) A1

(21) PCT/FR02/03873

(22) 13 Nov/nov 2002 (13.11.2002)

(25) fr (26) fr

(30) 01/14725 14 Nov/nov 2001 FR (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SPRING AND DISPENSER COMPRISING SAME

• RESSORT ET DISTRIBUTEUR COMPRENANT UN TEL RESSORT

(71) VALOIS SAS [FR/FR]; B.P. G, Le Prieuré, F-27110 Le Neubourg (FR).

(72) DUQUET, Frédéric; 15, rue Parissot, F-27800 Thibouville (FR). GARCIA, Firmin; 37 bis, avenue Aristide Briand, F-27000 Evreux (FR).

(74) CAPRI SARL; 94, avenue Mozart, F-75016 Paris (FR).

(81) BR CN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ F16F 3/02

(11) WO 03/042570 (13) A1

(21) PCT/EP02/12758

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) MI2001A002417 16 Nov/nov 2001 IT (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SUPPORT DEVICE FOR THE DAMPING AND ABSORPTION OF VIBRATIONS CAUSED BY OPERATING MACHINES, IN PARTICULAR BY PRESSES

• DISPOSITIF SUPPORT A ATTENUATION ET AMORTISSEMENT DES VIBRATIONS PROVOQUEES PAR LES MACHINES EN FONCTIONNEMENT, EN PARTICULIER LES PRESSES

(71) PROGETTAZIONI INNOVATIVE DI GANDINI L. & C. S.a.S. [IT/IT]; Via De Gasperi 10, I-23861 Cesana Brianza-Lecco (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GANDINI, Angelo [IT/IT]; Via S. Pietro e Paolo, 13, I-23900 Lecco (IT). GANDINI, Giosuè [IT/IT]; Via S. Pietro e Paolo, 13, I-23900 Lecco (IT).

(74) MARTEGANI, Franco; Via Carlo Alberto 41, I-20052 Monza-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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16F 9/32, 9/43

(11) WO 03/042571 (13) A1

(21) PCT/SE02/02047

(22) 11 Nov/nov 2002 (11.11.2002)

(25) sv (26) en

(30) 0103757-1 12 Nov/nov 2001 SE (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DEVICE AT AN ENERGY ACCUMULATING PISTON-CYLINDER TOOL

• DISPOSITIF SUR ENSEMBLE PISTON-CYLINDRE A ACCUMULATION D'ENERGIE

(71) STRÖMSHOLMEN AB [SE/SE]; Box 216, S-573 23 TRANÅS (SE).

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(72, 75) LUNDAHL, Leif [SE/SE]; Björkhamnen, S-360 47 NÖBBLE (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16G 11/12

(11) WO 03/042572 (13) A1

(21) PCT/DK02/00757

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) BA 2001 00308 12 Nov/nov 2001 DK (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • TOGGLES

• CHAPES

(71) FREDERIK ANDERSENS MASKIN-FABRIK A/S [DK/DK]; Jaegervænget 36, DK-7100 Vejle (DK).

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(72, 75) ANDERSEN, Frode [DK/DK]; Olaf Ryes Vej 4, DK-7100 Vejle (DK).

(74) PATRADE A/S; Fredens Torv 3A, DK-8000 Århus C (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16H

(11) WO 03/042573 (13) A2

(21) PCT/DE02/04077

(22) 2 Nov/nov 2002 (02.11.2002)

(25) de (26) de

(30) 0127067.7 10 Nov/nov 2001 GB (10.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • VEHICLE SYSTEMS

• SYSTEMES AUTOMOBILES

(71) LUK LAMELLEN UND KUPPLUNGS-BAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).

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(72, 75) BOWKER, Diana, Katharine [GB/GB]; 94 Buckley Road, Leamington Spa CV32 7QQ (GB).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16H

(11) WO 03/042574 (13) A2

(21) PCT/US02/32119

(22) 16 Oct/oct 2002 (16.10.2002)

(25) en (26) en

(30) 60/339,247 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • BALL-WORM TRANSMISSION

• TRANSMISSION A VIS SANS FIN A BILLES

(71) HOLTZ, Douglas [US/US]; c/o Frishauf, Holtz, Goodman & Chick, P.C., 767 Third Avenue, 25th floor, New York, NY 10017-2023 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) STOIANOVICI, Dan [US/US]; 4028 Forest Valley Road, Baltimore, MD 21234 (US). KAVOUSSI, Louis [US/US]; 22 Old Elm Court, Lutherville, MD 21093 (US).

(74) HOLTZ, Douglas; Frishauf, Holtz, Goodman & Chick, P.C., 767 Third Avenue, 25th floor, New York, NY 10027-2023 (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16H 3/00

(11) WO 03/042575 (13) A2

(21) PCT/ZA02/00179

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 2001/6756 16 Nov/nov 2001 ZA (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INFINITELY VARIABLE TRANSMISSION MACHINE

• MACHINE A TRANSMISSION INFINIMENT VARIABLE

(71, 72) NAUDE, Johannes, Jacobus [ZA/ZA]; 12 Arend Road, Windsor Glen, 2194 Randburg (ZA).

(74) MCCALLUM RADEMEYER & FREIMOND et al. / etc.; PO Box 1130, 7 Maclyn House, Bordeaux, 2125 Randburg (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16H 3/44

(11) WO 03/042576 (13) A1

(21) PCT/KR01/01932

(22) 13 Nov/nov 2001 (13.11.2001)

(25) ko (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • SPEED CHANGE SYSTEM USING PLANETARY GEAR ASSEMBLY

• SYSTEME DE CHANGEMENT DE VITESSE PAR TRAIN PLANETAIRE

(71) SHUBUR CO., LTD. [KR/KR]; 3rd Floor, Myeonghwa Building, 16-6, Yangjae-dong, Seocho-gu, 137-130 Seoul (KR).

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(72, 75) LEE, HanSang [KR/KR]; 839, Gojeol-ri, Jeongnyang-myeon., Hadong-gun, 667-830 Gyeongsangnam-do (KR).

(74) PARK, HeeJin; 401, Miele Haus Building, 607-10, Yeoksam-dong, Gangnam-gu, 135-080 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK 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 F16H 7/08

(11) WO 03/042577 (13) A1

(21) PCT/FR02/03867

(22) 12 Nov/nov 2002 (12.11.2002)

(25) fr (26) fr

- (30) 01/14669 **13 Nov/nov 2001** FR
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • INSTRUMENTED TAKE-UP UNIT AND RELATED CONTROL METHOD
- DISPOSITIF TENDEUR INSTRUMENTÉ ET PROCÉDE DE CONTRÔLE ASSOCIÉ
- (71) AKTIEBOLAGET SKF [SE/SE]; Hornsgatan 1, S-415 50 Göteborg (SE).
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- (72, 75) MESSAGE, Olivier [FR/FR]; 32, avenue Mirabeau, F-37000 Tours (FR). PONSON, Frédéric [FR/FR]; 1, rue Georges Dreux, F-37230 Luynes (FR).
- (74) BUREAU D.A. CASALONGA-JOSSE; 8, avenue Percier, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ F16H 7/12
- (11) WO 03/042578 (13) A1
- (21) PCT/EP02/11775
- (22) 22 Oct/oct 2002 (22.10.2002)
- (25) de (26) de
- (30) 101 55 826.0 **14 Nov/nov 2001** DE
(14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CLAMPING DEVICE
- DISPOSITIF DE TENSION
- (71) INA-SCHAEFFLER KG [DE/DE]; Industriestrasse 1 - 3, 91074 Herzogenaurach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHMIDT, Werner [DE/DE]; Anna-Herrmann-Strasse 48, 91074 Herzogenaurach (DE). SCHMIDL, Matthias [DE/DE]; Hammerbacher Strasse 27, 91074 Herzogenaurach (DE). SINGER, Johann [DE/DE]; Ringstrasse 12b, 91091 Grossenseebach (DE).
- (74) INA-SCHAEFFLER KG; Industriestrasse 1 - 3, 91074 Herzogenaurach (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD
- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F16H 13/08, 25/06, F16D 3/22
- (11) WO 03/042579 (13) A1
- (21) PCT/RU01/00479
- (22) 13 Nov/nov 2001 (13.11.2001)
- (25) ru (26) ru
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • FRICTION BALL DEVICE FOR TRANSMITTING ROTATION BETWEEN OFFSET SHAFTS AND A CONTROLLED COUPLING CLUTCH BASED ON SAID DEVICE
- MECANISME DE FROTTEMENT A BILLES DE TRANSFERT DE ROTATION ENTRE LES ARBRES NON CO-AXIAUX ET MANCHON D'ACCOUPLLEMENT COMMANDE UTILISANT CE MECANISME
- (71) "TOMSK TRANSMISSION SYSTEMS" [RU/RU]; Limited Liability Compan, pl. Lenina, 14, Tomsk, 634050 (RU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STANOVSKOY, Viktor Vladimirovich [RU/RU]; ul. S.Lazo, 17-2, Tomsk, 634063 (RU). REMNEVA, Tatiana Andreevna [RU/RU]; Moskovsky trakt, 70/1-68, Tomsk, 634028 (RU).
- (74) REMNEVA, Tatiana Andreevna; a/ya 1989, Tomsk, 634063 (RU).
- (81) AM AT AU BY CA CH CN CZ DE DK EE ES FI GB GE HU IL JP KG KR KZ LT LV MD MN NO PL RO RU SE SG SK TR UA US UZ YU.
- (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 F16H 25/06
- (11) WO 03/042580 (13) A1
- (21) PCT/RU01/00478
- (22) 13 Nov/nov 2001 (13.11.2001)
- (25) ru (26) ru
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • TRANSMISSION UNIT PROVIDED WITH A SWASH PLATE (VARIANTS) AND DIFFERENTIAL SPEED CONVERTER (VARIANTS) BASED THEREON
- UNITE DE TRANSFERT A PLAQUE OSCILLANTE (ET VARIANTES) ET CONVERTISSEUR DIFFERENTIEL DE VITESSE SUR LA BASE DE CETTE UNITE (ET VARIANTES)
- (71) "TOMSK TRANSMISSION SYSTEMS" [RU/RU]; Limited Liability Company, pl. Lenina, 14, Tomsk, 634050 (RU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STANOVSKOY, Viktor Vladimirovich [RU/RU]; ul. S.Lazo, 17-2, Tomsk, 634063 (RU). REMNEVA, Tatiana Andreevna [RU/RU]; Moskovsky trakt, 70/1-68, Tomsk, 634028 (RU).
- (74) REMNEVA, Tatiana Andreevna; a/ya 1989, Tomsk, 634063 (RU).
- (81) AM AT AU BY CA CH CN CZ DE DK EE ES FI GB GE HU IL JP KG KR KZ LT LV MD MN NO PL RO RU SE SG SK TR UA US YU.
- (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 F16H 25/22, 25/24, 9/18
- (11) WO 03/042581 (13) A1
- (21) PCT/JP02/11674
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) ja (26) ja
- (30) 2001-346518 **12 Nov/nov 2001** JP
(12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MOVABLE MEMBER OPERATING ACTUATOR DEVICE
- DISPOSITIF DE COMMANDE DU FONCTIONNEMENT D'UN ELEMENT MOBILE
- (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)
- (72, 75) OTAKI, Ryoichi [JP/JP]; c/o NSK Ltd., 5-50, Kugenmashinmei 1-chome, Fujisawashi, Kanagawa 251-8501 (JP). HASHITANI, Hideki [JP/JP]; c/o NSK Ltd., 1-1, Onuma, Hanyu-shi, Saitama 348-0016 (JP).
- (74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigasaki 3-chome, Chiyoda-ku, Tokyo 100-0013 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F16H 31/00
- (11) WO 03/042582 (13) A2
- (21) PCT/EP02/12252
- (22) 2 Nov/nov 2002 (02.11.2002)
- (25) en (26) en
- (30) 01402930.0 **15 Nov/nov 2001** EP
(15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • STEP MOVEMENT MECHANISM
- MECANISME DE DEPLACEMENT PAR ETAPES
- (71) THOMSON LICENSING S.A. [FR/FR]; 46, quai A. le Gallo, F-92100 Boulogne-Bilancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WOO, Jisung** [KR/CN]; Flat H, 9/F, Block 10, Royal Ascot, Shatin N.T. (CN).

(74) **ROSSMANITH, Manfred**; 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 CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16H 48/28

(11) WO 03/042583 (13) A1

(21) PCT/CN02/00624

(22) 6 Sep/sep 2002 (06.09.2002)

(25) zh (26) zh

(30) 01131791.4 14 Nov/nov 2001 CN (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • LIMITED SLIP DIFFERENTIAL OF VARIABLE GEAR RATIO TYPE

• DIFFERENTIEL A GLISSEMENT LIMITE DE TYPE A RAPPORT D'ENGRENAGE VARIABLE

(71, 72) **WANG, Xiaochun** [CN/CN]; CNC Institute, School of Mechanical Engineering, Xi'an JiaoTong University, Xi'an, Shanxi 710049 (CN). **JIANG, Hong** [CN/CN]; CNC Institute, School of Mechanical Engineering, Xi'an JiaoTong University, Xi'an, Shanxi 710049 (CN).

(74) **BEIJING SANYOU INTELLECTUAL PROPERTY AGENT LTD.**; 40 North Sanyuanzhonglu Road, Beijing 100088 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16H 55/30

(11) WO 03/042584 (13) A1

(21) PCT/EP02/06906

(22) 21 Jun/juin 2002 (21.06.2002)

(25) de (26) de

(30) 201 18 573.3 14 Nov/nov 2001 DE (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CHAIN WHEEL

• PIGNON A CHAINE

(71) **JOH. WINKLHOFER & SÖHNE GMBH UND CO. KG** [DE/DE]; Albert-Rosshaupter-Strasse 58, 81369 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GANN, Philip** [DE/DE]; Koglerweg 1, 83727 Schliersee (DE).

(74) **GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHÄUSSER**; Maximilianstr. 58, 80538 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 F16J 15/16, 15/32

(11) WO 03/042585 (13) A1

(21) PCT/FR02/03553

(22) 17 Oct/oct 2002 (17.10.2002)

(25) fr (26) fr

(30) 01/14695 14 Nov/nov 2001 FR (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SEALING RING FOR A FLUID CIRCUIT

• BAGUE D'ETANCHEITE DESTINEE A UN CIRCUIT DE FLUIDE

(71) **SYEGON (SARL)** [FR/FR]; 13, route de la Minière, F-78034 Versailles Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ADRION, David** [FR/FR]; Espace Valmy, Route de Charlieu, F-42300 Roanne (FR). **MAQUAIRE, Michel** [FR/FR]; 31, domaine les Blancs Bouleaux, F-45160 Ardon (FR).

(74) **CELANIE, Christian**; Cabinet Célanie, BP 214, 13, route de la Minière, F-78000 Versailles 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ F16K 3/00, 3/02, 3/30, 3/32, 3/34, 13/00, 31/04, 5/00, 37/00

(11) WO 03/042586 (13) A1

(21) PCT/NZ02/00249

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 515434 13 Nov/nov 2001 NZ (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PROCESS CONTROL VALVE

• ELECTROVANNE DE PROCESSUS

(71) **EMECH CONTROL LIMITED (FORMERLY TECHNOLOGY DEVELOPMENT GROUP LIMITED)** [NZ/NZ]; 30-34 Swanson Street, Auckland (NZ).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JEROMSON, Peter, James** [NZ/NZ]; 5 Bleakhouse Road, Howick, Auckland (NZ). **BILYARD, James, Raymond** [NZ/NZ]; 102A Aberdeen Road, Campbells Bay, Auckland (NZ).

(74) **PIPER, James, William**; Pipers, Level 1, 29 Waterloo Road, Lower Hutt (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16K 17/04

(11) WO 03/042587 (13) A1

(21) PCT/DE02/03614

(22) 25 Sep/sep 2002 (25.09.2002)

(25) de (26) de

(30) 101 55 629.2 13 Nov/nov 2001 DE (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SEAT VALVE

• SOUPE A SIEGE

(71) **BOSCH REXROTH AG** [DE/DE]; Zum Eisengiesser 1, 97816 Lohr (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MACHAT, Götz-Dieter** [DE/DE]; Westpreussenstrasse 7, 97816 Lohr (DE). **LOHE, Sabine** [DE/DE]; Flurstrasse 2a, 97778 Fellen (DE). **MEYER, Karl-Josef** [DE/DE]; Trockenbachstrasse 16, 97794 Rieneck (DE). **STROKA, Wilfried** [DE/DE]; Im See 4, 97846 Partenstein (DE).

(74) **WINTER BRANDL FÜRNISS HÜBNER RÖSS KAISER POLTE - PARTNERSCHAFT**; Bavariaring 10, 80336 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ F16L

(11) WO 03/042588 (13) A2

(21) PCT/US02/36406

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/331,311 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PIPE INSERT AND PIPE ASSEMBLY FORMED THEREWITH

• PIECE DE CONDUIT ET ENSEMBLE CONDUIT FORME A PARTIR DE LA-DITE PIECE

(71, 72) **TOPEK, Philip, R.** [US/US]; 1901 Morning Tide, League City, TX 77573 (US).

- ROLLINS, Newell, J.** [US/US]; 568 East Big Sky Drive, Sandy, UT 84070 (US).
- (74) **EVANS, Joseph, D.**; Crowell & Moring LLP, Intellectual Property Department, P.O. Box 14300, Washington, 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16L 11/06, 11/12**
- (11) **WO 03/042589** (13) A1
- (21) PCT/FR02/01227
- (22) 9 Apr/avr 2002 (09.04.2002)
- (25) fr (26) fr
- (30) 01/05122 13 Apr/avr 2001 FR (13.04.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MULTILAYER PIPE FOR TRANSPORTING FUEL
- CONDUITE MULTICOUCHE POUR LE TRANSPORT DE CARBURANT
- (71) **NOBEL PLASTIQUES** [FR/FR]; 245 rue de Leurope, F-51300 MAROLLES (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BREMARD, Patrick** [FR/FR]; 14 rue Saint Hilaire, F-51000 REIMS (FR). **MILHAS, Pierre** [FR/FR]; 1 rue des Tanneurs, F-51300 VITRY LE FRANCOIS (FR).
- (74) **LAVIALLE, Bruno et al.** / etc.; c/o CABINET BOETTCHER, 22 rue du Général Foy, 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16L 13/10, 47/02**
- (11) **WO 03/042590** (13) A1
- (21) PCT/NO02/00412
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 09/986,939 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • HIGH-STRENGTH BUTT-WRAP JOINT FOR REINFORCED PLASTIC PIPES
- JOINT MATE BOUT-A-BOUT HAUTE RESISTANCE POUR TUYAUX EN PLASTIQUE RENFORCES
- (71) **FLOWTITE TECHNOLOGY AS** [NO/NO]; Veløyveien 1, N-3222 Sandefjord (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PÄLSSON, Gudmundur** [IS/NO]; Geminiveien 47A, N-3213 Sandefjord (NO).
- (74) **LANGAN, Hans**; Zacco Norway AS, P.O. Box 765, Sentrum, N-0106 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16L 37/00**
- (11) **WO 03/042591** (13) A1
- (21) PCT/SE02/02046
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) sv (26) en
- (30) 0103798-5 15 Nov/nov 2001 SE (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A COUPLING DEVICE FOR PRESSURE FLUID CONDUITS AND A METHOD FOR THE MANUFACTURING OF SUCH A COUPLING, COMPRISING A LEAKAGE GROOVE FOR INDICATION OF LEAKAGE
- DISPOSITIF D'ACCOUPEMENT POUR CONDUITS DE FLUIDE SOUS PRESSION, CE DISPOSITIF COMPORTANT UNE RAINURE DE FUITE INDIQUANT UNE FUITE, ET PROCEDE DE FABRICATION DE CE DISPOSITIF
- (71) **VOLVO LASTVAGNAR AB** [SE/SE]; S-405 08 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SANBORN, Mats** [SE/SE]; Nygårdsgatan 32D, S-433 32 Partille (SE). **ERIKSSON, Stefan** [SE/SE]; Strängnäs-gatan 10, S-416 71 Göteborg (SE).
- (74) **ANDERSSON, Per et al.** / etc.; Albhins Göteborg AB, Box 142, S-401 22 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16L 37/088**
- (11) **WO 03/042592** (13) A1
- (21) PCT/US02/35631
- (22) 6 Nov/nov 2002 (06.11.2002)
- (25) en (26) en
- (30) 60/345,033 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PIPE COUPLING SYSTEM HAVING AN ANTI-REVERSING LOCKING RING
- SYSTEME DE COUPLAGE DE TUYAUX EQUIPE D'UN ANNEAU DE VERROUILLAGE ANTI-RETOUR
- (71) **OPTI-COM MANUFACTURING NETWORK, INC.** [US/US]; 259 Plauche Street, Harahan, LA 70123 (US).
- (72) **ADAMS, Robert, M.**; 1801 Butternut Avenue, Metairie, LA 70001 (US).
- (74) **EYMARD, Frank, C.**; Adams and Reese LLP, 4500 One Shell Square, New Orleans, LA 70139-4596 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16L 37/40, 29/02**
- (11) **WO 03/042593** (13) A1
- (21) PCT/CA02/01743
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) 60/331,403 15 Nov/nov 2001 US (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROBE ACTIVATED VALVE SYSTEM
- SYSTEME DE SOUPAPE ACTIVE PAR UNE SONDE
- (71) **CHECKFLUID INC.** [CA/CA]; 102-4500 Blakie Road, London, Ontario N6L 1G5 (CA).
- (72) **HALL, Bernard**; 83 Knightsbridge Road, London, Ontario N6K 3P3 (CA). **MCGILL, Daniel**; 593 Queen St. E., P.O. Box 898, St. Marys, Ontario N4X 1B6 (CA). **VANDERHAYDEN, John**; 14 Montcalm St., St. Thomas, Ontario N5P 2C1 (CA).
- (74) **KINSMAN, L., Anne et al.** / etc.; Borden Ladner Gervais LLP, World Exchange Plaza, 100 Queen Street, Suite 1100, Ottawa, Ontario K1P 1J9 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16L 55/128, 1/235

(11) WO 03/042594 (13) A1

(21) PCT/NO02/00418

(22) 11 Nov/nov 2002 (11.11.2002)

(25) no (26) en

(30) 20015555 13 Nov/nov 2001 NO (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND DEVICE FOR IN-CREASING SAFETY DURING PIPELAYING

• PROCEDE ET DISPOSITIF PERMETTANT D'AUGMENTER LA SECURITE PENDANT LA POSE DE CANALISATIONS

(71) PLUGGING SPECIALISTS INTERNATIONAL AS [NO/NO]; P.O. Box 8011, N-4068 Stavanger (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SYSE, Harald [NO/NO]; PÅSKHUSV. 24, N-4052 Røyneberg (NO). ALEKSANDERSEN, Jostein [NO/NO]; Fjellprydeveien 64, N-4070 Randaberg (NO).

(74) HÅMSØ PATENTBYRÅ ANS; P.O. Box 171, N-4302 Sandnes (NO).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16N 25/00, 27/00

(11) WO 03/042595 (13) A1

(21) PCT/US02/34515

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/045,214 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • LUBRICANT INJECTION

• INJECTION DE LUBRIFIANT

(71) LINCOLN INDUSTRIAL CORPORATION [US/US]; One Lincoln Way, St. Louis, MO 63120-1578 (US).

(72) CONLEY, Paul, G.; c/o Lincoln Industrial Corporation, One Lincoln Way, St. Louis, MO 63120-1578 (US). ARENS, Thomas, M.; c/o Lincoln Industrial Corporation, One Lincoln Way, St. Louis, MO 63120-1578 (US).

(74) GODAR, Michael, E. et al. / etc.; One Metropolitan Square, Suite 1600, 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F21V 9/00, F21S 8/00, E01F 9/00

(11) WO 03/042596 (13) A1

(21) PCT/US02/36268

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/332,227 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SOLAR STEPPING STONE

• PIERRE DE GUE SOLAIRE

(71, 72) SOOFERIAN, Danny, H. [US/US]; 425-I Constitution Avenue, Camarillo, CA 93012 (US).

(74) ABRAHAMS, Colin, P.; Law Offices of Colin P. Abrahams, 5850 Canoga Avenue, Suite 400, Woodland Hills, CA 91367 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F23R 3/00, 3/50, 3/60

(11) WO 03/042597 (13) A1

(21) PCT/EP02/12448

(22) 7 Nov/nov 2002 (07.11.2002)

(25) de (26) de

(30) 01127137.6 15 Nov/nov 2001 EP (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ANNULAR COMBUSTION CHAMBER FOR A GAS TURBINE

• CHAMBRE DE COMBUSTION ANNULAIRE POUR TURBINE A GAZ

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIEBE, Roland [DE/DE]; Frohnkamp 22, 40789 Monheim (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CN JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)⁷ F24B 1/18, F24C 1/16, A47J 37/07

(11) WO 03/042598 (13) A1

(21) PCT/DK02/00768

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) BA 2001 00312 16 Nov/nov 2001 DK (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A MOBILE HEARTH FOR CONTAINING A FIRE

• ATRE MOBILE DESTINE A CONTENIR UN FEU

(71, 72) JENSEN, Jørn, G. [DK/DK]; Daniavej 23, DK-9550 Mariager (DK).

(74) PATRADE A/S; Fredens Torv 3A, DK-8000 Aarhus C (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (Utility model / modèle d'utilité) (GH); AP (GH); AP (Utility model / modèle d'utilité) (GM); AP (GM); AP (Utility model / modèle d'utilité) (KE); AP (KE); AP (Utility model / modèle d'utilité) (LS); AP (LS); AP (Utility model / modèle d'utilité) (MW); AP (MW); AP (Utility model / modèle d'utilité) (MZ); AP (MZ); AP (Utility model / modèle d'utilité) (SD); AP (SD); AP (Utility model / modèle d'utilité) (SL); AP (SL); AP (Utility model / modèle d'utilité) (SZ); AP (SZ); AP (Utility model / modèle d'utilité) (TZ); AP

- (TZ); AP (Utility model / modèle d'utilité) (UG); AP (UG); AP (Utility model / modèle d'utilité) (ZM); AP (ZM); AP (Utility model / modèle d'utilité) (ZW); AP (ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **F24B 1/18**
 (11) **WO 03/042599** (13) A1
 (21) PCT/GB02/05169
 (22) **15 Nov/nov 2002 (15.11.2002)**
 (25) en (26) en
 (30) 0127379.6 **15 Nov/nov 2001 GB (15.11.2001)**
 (43) 22 May/mai 2003 (22.05.2003)
- (54) • HEATING APPARATUS
 • APPAREIL DE CHAUFFAGE
- (71) **VALOR LIMITED** [GB/GB]; Wood Lane, Erdington, Birmingham B24 9QP (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BYRNE, William, Anthony** [GB/GB]; 20 Lyttleton Road, Droitwich Spa, Worcestershire WR9 7AA (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ **F24D 11/02**
 (11) **WO 03/042600** (13) A1
 (21) PCT/SE02/01778
 (22) **1 Oct/oct 2002 (01.10.2002)**
 (25) sv (26) en
 (30) 0103257-2 **1 Oct/oct 2001 SE (01.10.2001)**
 (43) 22 May/mai 2003 (22.05.2003)
- (54) • CLIMATE CONTROL INSTALLATION
 • INSTALLATION DE CONDITIONNEMENT D'AIR
- (71) **FÖRSTA NÄRVÄRMEVERKET AB** [SE/SE]; Box 111 35, S-161 11 Bromma (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GÖRANSSON, Hans-Göran** [SE/SE]; Röstevägen 2472, S-821 94 Bollnäs (SE).
- (74) **OLSSON, Jan et al.** / etc.; Bjerkéns Patentbyrå KB, Box 1274, S-801 37 Gävle (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F24F 3/16**
 (11) **WO 03/042601** (13) A1
 (21) PCT/KR01/02282
 (22) **29 Dec/déc 2001 (29.12.2001)**
 (25) ko (26) en
 (30) 2001/71131 **15 Nov/nov 2001 KR (15.11.2001)**
 (43) 22 May/mai 2003 (22.05.2003)
- (54) • LIGHTING EQUIPMENT PROVIDED WITH AN APPARATUS FOR GENERATING ANIONS
 • DISPOSITIF D'ECLAIRAGE COMPLETANT UN APPAREIL GENERATEUR D'ANIONS
- (71) **E-ON LIGHT CO. LTD.** [KR/KR]; 801, Diplomatic Center, 1376-1 Seocho-dong, Seocho-ku, 137-072 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KWAK, Kyung-Bae** [KR/KR]; 645-7, Yeoksam-dong, Kangnam-ku, 135-080 Seoul (KR).
- (74) **LEE, Eun Sook**; Suite 502, Samyoung Bldg., 840 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 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 VC VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F24F 7/08**
 (11) **WO 03/042602** (13) A1
 (21) PCT/JP02/11479
 (22) **1 Nov/nov 2002 (01.11.2002)**
 (25) ja (26) ja
 (30) 2001-349058 **14 Nov/nov 2001 JP (14.11.2001)**
 (43) 22 May/mai 2003 (22.05.2003)
- (54) • HEAT EXCHANGER UNIT
 • UNITE D'ECHANGE THERMIQUE
- (71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Bldg., 2-4-12, Nakazaki-Nishi, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUJIMOTO, Toru** [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Sakai Plant Kanaoka Factory, 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP).
- (74) **ONO, Yukio et al.** / etc.; South Forest Bldg., 1-4-19, Minamimori-machi, Kita-ku, Osaka-shi, Osaka 530-0054 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F24F 11/00**
 (11) **WO 03/042603** (13) A1
 (21) PCT/FI02/00887
 (22) **11 Nov/nov 2002 (11.11.2002)**
 (25) en (26) en
 (30) 20012183 **12 Nov/nov 2001 FI (12.11.2001)**
 (43) 22 May/mai 2003 (22.05.2003)
- (54) • VENTILATION CONTROL ARRANGEMENTS FOR MEASURING AIR QUALITY WITH SENSORS MOVABLE FROM ONE ROOM TO ANOTHER
 • DISPOSITIF DE COMMANDE DE VENTILATION MESURANT LA QUALITE DE L'AIR L'AIDE DE CAPTEURS DEPLACABLES D'UNE PIECE A L'AUTRE
- (71) **UPONOR INNOVATION AB** [SE/SE]; Industrivägen, S-513 81 Fristad (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JUUTI, Rauno** [FI/FI]; Mutkatie 3 B 12, FIN-15550 Nastola (FI). **JÄRVENKYLÄ, Jyri** [FI/FI]; Tapiontie 4, FIN-15870 Hollola (FI). **KOJO, Marko** [FI/FI]; Viheriökujä 3, FIN-04310 Tuusula (FI).
- (74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

/ modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ F24F 13/06, C22B 3/02, 3/18

(11) WO 03/042604 (13) A1

(21) PCT/AU02/01546

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) PR 8851 13 Nov/nov 2001 AU (13.11.2001)

(30) PR 9989 16 Jan/jan 2002 AU (16.01.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • AN AIR DISTRIBUTOR FOR A BLOLEACHING SYSTEM
• DISTRIBUTEUR D'AIR POUR UN SYSTEME DE BIOLIXIVATION

(71) BHP BILLITON INNOVATION PTY LTD [AU/AU]; 600 Bourke Street, Melbourne, Victoria 3000 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CASTILLO, Danny, Ignacio [CA/CL]; Minera Escondida Ltda, Avenida de la Minería, 501, Antofagasta (CL). SMITHSON, Elliott, Paul [GB/CL]; BHP Chile, Inc, Americo Vespucio Sur, 100, Las Condes, Santiago (CL).

(74) 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F24H 1/00, F25B 1/00

(11) WO 03/042605 (13) A1

(21) PCT/JP02/11122

(22) 25 Oct/oct 2002 (25.10.2002)

(25) ja (26) ja

(30) 2001/347050 13 Nov/nov 2001 JP (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FREEZER
• CONGELATEUR

(71) DAIKIN INDUSTRIES, LTD. [JP/JP]; Umeda Center Bldg., 4-12, Nakazaki-nishi 2-chome, Kitaku, Osaka-shi, Osaka 530-8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAYAMA, Hiroshi [JP/JP]; c/o Shiga Plant, DAIKIN INDUSTRIES, LTD., 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-8526 (JP). SAKAMOTO, Shinichi [JP/JP]; c/o Shiga Plant, DAIKIN INDUSTRIES, LTD., 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-8526 (JP).

(74) MAEDA, Hiroshi et al. / etc.; Taihei Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ F24H 1/00

(11) WO 03/042606 (13) A1

(21) PCT/JP02/11716

(22) 11 Nov/nov 2002 (11.11.2002)

(25) ja (26) ja

(30) 2001-347571 13 Nov/nov 2001 JP (13.11.2001)

(30) 2002-278620 25 Sep/sep 2002 JP (25.09.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • HEAT PUMP TYPE HOT WATER SUPPLY DEVICE
• DISPOSITIF D'ALIMENTATION EN EAU CHAUDE DE POMPE A CHALEUR

(71) DAIKIN INDUSTRIES, LTD. [JP/JP]; Umeda Center Bldg., 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHIDA, Kouji [JP/JP]; c/o Shiga Plant, DAIKIN INDUSTRIES, LTD., 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-8526 (JP). SAKAMOTO, Shinichi [JP/JP]; c/o Shiga Plant, DAIKIN INDUSTRIES, LTD., 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-8526 (JP).

(74) MAEDA, Hiroshi et al. / etc.; Taihei Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ F24H 3/00

(11) WO 03/042607 (13) A1

(21) PCT/FR02/03882

(22) 13 Nov/nov 2002 (13.11.2002)

(25) fr (26) fr

(30) 01/14668 13 Nov/nov 2001 FR (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • HEAT TRANSFER FLUID RADIATOR
• RADIATEUR A FLUIDE CALOPORTEUR

(71, 72) RUSSI, Henri-Louis [FR/FR]; 16 Boulevard de l'Europe, F-69310 Pierre Benite (FR). GENIN, Gérard [FR/FR]; 6 rue de Lyon, F-01800 Meximieux (FR).

(74) CABINET GERMAIN & MAUREAU; 12 rue Boileau, F-69006 Lyon (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 9/06

(11) WO 03/042608 (13) A1

(21) PCT/EP02/10578

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) MI2001A 002399 14 Nov/nov 2001 IT (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SUPPORT FOR A RADIATOR
• SUPPORT POUR RADIATEUR MOBILE

(71) DE' LONGHI S.P.A. [IT/IT]; Via L. Seitz, 47, I-31100 Treviso (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DE' LONGHI, Giuseppe [IT/IT]; Vicolo Rovero 1, I-31100 Treviso (IT).

(74) RAPISARDI, Mariacristina; Ufficio Brevetti Rapisardi S.r.l., Via Serbelloni, 12, I-20122 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F24J 2/05, 2/46

(11) WO 03/042609 (13) A1

(21) PCT/IL02/00905

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 09/987,106 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • RADIATION HEAT-SHIELD FOR SOLAR SYSTEM
- ÉCRAN CONTRE LE RAYONNEMENT THERMIQUE POUR DISPOSITIF SOLAIRE

(71) SOLEL SOLAR SYSTEMS LTD. [IL/IL]; P.O.B 45033, 91450 Jerusalem (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHWARTZMAN, Joel [IL/IL]; Eliyaho Lane 6, 53223 Givatayim (IL). KLAPWALD, Shmuel [IL/IL]; Hama'ayan Street 6, 95903 Jerusalem (IL). BARKAI, Menashe [IL/IL]; Dvorah the Prophet Street 71, 69440 Tel Aviv (IL). MANDELBERG, Eli [IL/IL]; Hissin Street 22, 64284 Tel Aviv (IL). BRENNMILLER, Avi [IL/IL]; K'hilat Budapest Street 21, 69127 Tel Aviv (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F25B 17/08, F25D 31/00

(11) WO 03/042610 (13) A1

(21) PCT/FR02/03772

(22) 4 Nov/nov 2002 (04.11.2002)

(25) fr (26) fr

(30) 01/14854 16 Nov/nov 2001 FR
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • HEAT EXCHANGER
- ECHANGEUR THERMIQUE

(71) THERMAGEN S.A. [FR/FR]; 1, avenue de la Terrasse, Bâtiment 5, F-91198 Gif-sur-Yvette (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JEUCH, Pierre [FR/FR]; 6, allée des Eglantines, F-91190 Saint-Aubin (FR).

(74) BORIN, Lydie; A.P.I. Conseil, rue Marx Dormoy, F-64000 Pau (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F25B 39/00, F28F 9/02, 1/00

(11) WO 03/042611 (13) A1

(21) PCT/JP02/11915

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 2001-350573 15 Nov/nov 2001 JP
(15.11.2001)(30) 60/333,170 27 Nov/nov 2001 US
(27.11.2001)(30) 2002-166686 7 Jun/juin 2002 JP
(07.06.2002)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • HEAT EXCHANGER, HEAT EXCHANGER HEADER TANK AND MANUFACTURING METHOD THEREOF
- ECHANGEUR THERMIQUE, COLLECTEUR D'ECHANGEUR THERMIQUE ET PROCEDE DE FABRICATION ASSOCIE

(71) SHOWA DENKO K.K. [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHINMURA, Etsuo [JP/JP]; c/o Oyama Regional Office, SHOWA DENKO K.K., 480, Inuzuka 1-chome, Oyama-shi, Tochigi, 323-0811 (JP). HOSHINO, Ryoichi [JP/JP]; c/o Oyama Regional Office, Showa Denko K.K., 480, Inuzuka 1-chome, Oyama-shi, Tochigi 323-0811 (JP). OHASHI, Hideo [JP/JP]; c/o Oyama Regional Office, showa denko k.k., 480, Inuzuka 1-chome, Oyama-shi, Tochigi 323-0811 (JP). FURUKAWA, Yuichi [JP/JP]; c/o Oyama Regional Office, showa denko k.k., 480, Inuzuka 1-chome, Oyama-shi, Tochigi 323-0811 (JP).

(74) SHIMIZU, Hisayoshi et al. / etc.; Idemitsu Nagahori Bldg., 4-26, Minamisemba 3-chome, Chuo-ku, Osaka-shi, Osaka 542-0081 (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F25C

(11) WO 03/042612 (13) A2

(21) PCT/US01/47086

(22) 13 Nov/nov 2001 (13.11.2001)

(25) en (26) en

(30) 10/008,846 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • TOUCHLESS AUTOMATIC FIBER OPTIC BEVERAGE/ICE DISPENSER
- DISTRIBUTEUR DE BOISSONS/GLAÇONS AUTOMATIQUE, SANS CONTACT, A FIBRE OPTIQUE

(71, 72) BARTON, John, C. [US/US]; 2807 Superior Avenue, Middletown, OH 45044 (US). BARTON, Normal, J. [US/US]; 2807 Superior Avenue, Middletown, OH 45044 (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 F25D 17/06

(11) WO 03/042613 (13) A1

(21) PCT/EP02/11503

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) MI2001A002427 16 Nov/nov 2001 IT
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • REFRIGERATOR WITH INTERNAL COMPARTMENT DIVISIBLE INTO INDEPENDENT TEMPERATURE ZONES
- REFRIGERATEUR AVEC COMPARTIMENT INTERIEUR DIVISIBLE EN ZONES DE TEMPERATURES INDEPENDANTES

(71) WHIRLPOOL CORPORATION [US/US]; 2000 M 63, Benton Harbor, MI 49022 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DENTELLA, Daniela [IT/IT]; Via Toscana, 3, I-20092 Cinisello Balsamo (IT). GASTALDELLO, Fabio [IT/IT]; Via Corsica, 13, I-21046 Malnate (IT). SIGNA, Marco [IT/IT]; Via degli Isarci, 22/A, I-21051 Arcisate (IT). BRAGGION, Davide [IT/IT]; Via Rebuschini, 7, I-21023 Besozzo (IT).

(74) GUERCI, Alessandro; Whirlpool Europe s.r.l., V. le G. Borghi, 27, I-21025 Comerio (IT).

(81) AU BR IN KR MX US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ F25J 1/00

(11) WO 03/042614 (13) A1

(21) PCT/US02/25204

(22) 7 Aug/août 2002 (07.08.2002)

(25) en (26) en

(30) 09/986,524 9 Nov/nov 2001 US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • CRYOGENIC INDUSTRIAL GAS REFRIGERATION SYSTEM

- SYSTEME DE REFRIGERATION DE GAZ INDUSTRIEL CRYOGENIQUE
- (71) PRAXAIR TECHNOLOGY, INC. [US/US]; 39 Old Ridgebury Road, Danbury, CT 06810-5113 (US).
- (72) RASHAD, Mohammad, Abdul-Aziz; 286 Woodcrest Boulevard, Kenmore, NY 14223 (US). ARMAN, Bayram; 16 The Commons, Grand Island, NY 14072 (US). ACHARYA, Arun; 85 Twilight Lane, East Amherst, NY 14051 (US).
- (74) KTORIDES, Stanley 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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F25J 3/02
- (11) WO 03/042615 (13) A1
- (21) PCT/FR02/03450
- (22) 10 Oct/oct 2002 (10.10.2002)
- (25) fr (26) fr
- (30) 01/14589 12 Nov/nov 2001 FR (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND INSTALLATION FOR HELIUM PRODUCTION
- PROCEDE ET INSTALLATION DE PRODUCTION D'HELIUM
- (71) L'AIR LIQUIDE SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PELLE, Martine [FR/FR]; 37 Avenue Turgot, F-77330 Ozoir-la-Ferrière (FR). SCHMITT, Nathalie [FR/FR]; 83 Chemin des Lyonnaises, F-94350 Villiers sur Marne (FR).
- (74) MERCEY, Fiona et al. / etc.; L'Air Liquide S.A., 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- Declaration / Déclaration :
(t) for all designations / pour toutes les désignations
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- (51)⁷ F27B 14/06, F27D 23/00, H05B 6/64, B22D 18/00
- (11) WO 03/042616 (13) A1
- (21) PCT/US02/36173
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) en (26) en
- (30) 10/013,029 12 Nov/nov 2001 US (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND APPARATUS FOR MELTING METALS
- PROCEDE ET APPAREIL DE FUSION DE METAUX
- (71) BWXT Y-12, L.L.C. [US/US]; Legal Department, Building 9704-2, M/S 8014, Bear Creek and Scarboro Roads, Oak Ridge, TN 37830 (US).
- (72) MORROW, Marvin, S.; 200 Interstate Lane, Marble, NC 28905 (US). SCHECHTER, Donald, E.; Overlook Drive and Red Cloud Road, Route 2, Box 139, Ten Mile, TN 37880 (US). MOORE, Alan, F.; 11416 Glen Iris Lane, Knoxville, TN 37922 (US).
- (74) HARDAWAY, John, B., III et al. / etc.; Nexsen Pruet Jacobs & Pollard, LLC, P.O. Box 10107, Greenville, SC 29603 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations
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- (51)⁷ F27B 14/10, C04B 35/101
- (11) WO 03/042617 (13) A1
- (21) PCT/JP02/11873
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) ja (26) ja
- (30) 2001-351583 16 Nov/nov 2001 JP (16.11.2001)
- (30) 2001-351584 16 Nov/nov 2001 JP (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CRUCIBLE FOR MELTING RARE EARTH ELEMENT ALLOY AND RARE EARTH ELEMENT ALLOY
- CREUSET POUR FUSION D'UN ALLIAGE D'ELEMENTS DE TERRE RARE ET ALLIAGE D'ELEMENTS DE TERRE RARE
- (71) SHIN-ETSU CHEMICAL CO., LTD. [JP/JP]; 6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HASHIMOTO, Takahiro [JP/JP]; c/o Magnetic Materials Research Center, Shin-Etsu Chemical Co., Ltd., 1-5, Kitago 2-chome, Takefu-shi, Fukui 915-0802 (JP). MATSUMOTO, Fukuji [JP/JP]; c/o Takefu Plant, Shin-Etsu Chemical Co., Ltd., 1-5, Kitago 2-chome, Takefu-shi, Fukui 915-0802 (JP). MINOWA, Takehisa [JP/JP]; c/o Magnetic Materials Research Center, Shin-Etsu Chemical Co., Ltd., 1-5, Kitago 2-chome, Takefu-shi, Fukui 915-0802 (JP).
- (74) KOJIMA, Takashi; GINZA OHTSUKA Bldg., 2F, 16-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (JP).
- (81) CN IN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ F27D 3/12, 15/02, C25C 3/06, 3/22, 7/06
- (11) WO 03/042618 (13) A1
- (21) PCT/NO02/00399
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 20015573 14 Nov/nov 2001 NO (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A METHOD FOR OPERATING A PRE-BAKE ELECTROLYSIS CELL SYSTEM AND AN ARRANGEMENT FOR USE IN THIS SYSTEM
- PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN SYSTEME DE CELLULES A L'ELECTROLYSE PRE-CUITES ET DISPOSITIF DESTINE A ETRE UTILISE DAN CE SYSTEME
- (71) NORSK HYDRO ASA [NO/NO]; N-0240 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LÆGREID, Stig [NO/NO]; Løvliveien 8, N-1400 Ski (NO). BJØRBEKK, Lars, Magne [NO/NO]; N-6613 Gjvora (NO).
- (74) BERG, André; Norsk Hydro ASA, N-0240 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F28D 1/04
- (11) WO 03/042619 (13) A1
- (21) PCT/FR02/03851
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) fr (26) fr
- (30) 01/14665 13 Nov/nov 2001 FR (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • HEAT EXCHANGER MODULE COMPRISING A MAIN RADIATOR AND A SECONDARY RADIATOR

- MODULE D'ÉCHANGE DE CHALEUR COMPORTANT UN RADIATEUR PRINCIPAL ET UN RADIATEUR SECONDAIRE
- (71) VALEO THERMIQUE MOTEUR [FR/FR]; 8, rue Louis Lormand, F-78321 La Verrière (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GUERRERO, Pascal [FR/FR]; 38, rue Husson, F-78320 Le Mesnil Saint Denis (FR). MARTINS, Carlos [PT/FR]; 10, rue de la Montière, F-78490 Montfort L'Amaury (FR).
- (74) ROLLAND, Jean-Christophe; Valeo Thermique Moteur, 8, rue Louis Lormand, F-78321 La Verrière (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 ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ F41A 23/00, 21/48, B64D 7/04, B63G 1/00
(11) WO 03/042620 (13) A1
(21) PCT/AU02/01441
(22) 24 Oct/oct 2002 (24.10.2002)
(25) en (26) en
(30) PR 8801 12 Nov/nov 2001 AU (12.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • WEAPONS PLATFORM CONSTRUCTION
• STRUCTURE DE PLATE-FORME D'ARMES
- (71) METAL STORM LIMITED [AU/AU]; Level 34, 345 Queen Street, Brisbane, Queensland 4000 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) O'DWYER, James, Michael [AU/AU]; Unit 112, 32 Macrossan Street, Brisbane, Queensland 4000 (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
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- (51)⁷ F41C 3/00, F41B 5/00
(11) WO 03/042621 (13) A1
(21) PCT/UA01/00044
(22) 15 Nov/nov 2001 (15.11.2001)
(25) ru (26) ru
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD FOR FIRING FROM A SPORTS WEAPON
• PROCEDE DE TIR AVEC UNE ARME DE SPORT
- (71, 72) SKVORTSOV, Dmytro Alexandrovich [UA/UA]; ul. Risheliyevskaya, 12-12, Odessa, 65026 (UA). SKVORTSOV, Yuriy Dmitrievich [UA/UA]; ul. Risheliyevskaya, 12-12, Odessa, 65026 (UA).
- (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 ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F41H 5/04
(11) WO 03/042622 (13) A1
(21) PCT/EP02/11735
(22) 19 Oct/oct 2002 (19.10.2002)
(25) de (26) de
(30) 01126509.7 10 Nov/nov 2001 EP (10.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • PROTECTIVE GARMENT
• VETEMENT DE PROTECTION
- (71) TEIJIN TWARON GMBH [DE/DE]; Kasinostrasse 19-21, 42103 Wuppertal (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BÖTTGER, Christian, Kurt [DE/DE]; Geschwister Scholl Strasse 25, 42897 Remscheid (DE).
- (74) FETT, Günter; CPW GmbH, Kasinostrasse 19-21, 42103 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F41H 9/06, 9/10
(11) WO 03/042623 (13) A1
(21) PCT/CH02/00610
(22) 14 Nov/nov 2002 (14.11.2002)
(25) de (26) de
- (30) 018 111 04.7 16 Nov/nov 2001 EP (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DEVICE WITH A STORAGE TANK THAT IS FILLED OR CAN BE FILLED WITH AN ACTIVE INGREDIENT AND ATOMIZER UNIT
• DISPOSITIF COMPORTANT UN RESERVOIR REMPLI OU POUVANT ETRE REMPLI D'UN AGENT ACTIF ET UNE UNITE D'ATOMISATION
- (71) PIEXON AG [CH/CH]; Bützbergstrasse 1, CH-4912 Aarwangen (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) THOMANN, Jürg [CH/CH]; Meisenweg 16, CH-4802 Strengelbach (CH). FLEISCHHAUER, Raphael [DE/CH]; Schorenstrasse 36, CH-4900 Langenthal (CH).
- (74) ROSHARDT, Werner, A. et al. / etc.; Keller & Partner Patentwälte 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F42B
(11) WO 03/042624 (13) A2
(21) PCT/US02/17447
(22) 4 Jun/juin 2002 (04.06.2002)
(25) en (26) en
(30) 60/295,731 4 Jun/juin 2001 US (04.06.2001)
(30) 09/938,022 23 Aug/août 2001 US (23.08.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • WARHEAD WITH ALIGNED PROJECTILES
• TETE EXPLOSIVE A PROJECTILES ALIGNES
- (71) RAYTHEON COMPANY [US/US]; 71 Lincoln Street, Melrose, MA 02176 (US).
- (72) LLOYD, Richard, M.; 71 Lincoln Street, Melrose, MA 02176 (US). FACCINI, Ernest, C.; 9Spring Road, Londonderry, NH 03053 (US).
- (74) COLEMAN, Roy, J.; Iandiorio & Teska, 260 Bear Hill Road, Waltham, MA 02451-1018 (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F42B 1/032

(11) WO 03/042625 (13) A1

(21) PCT/GB02/05092

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 0127296.2 14 Nov/nov 2001 GB (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SHAPED CHARGE LINER

• REVETEMENT DE CONE DE CHARGE CREUSE

(71) QINETIQ LIMITED [GB/GB]; Registered Office, 85 Buckingham Gate, London SW1E 6PD (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOURNE, Brian [GB/GB]; QinetiQ Limited, Fort Halstead, Sevenoaks, Kent TN14 7BP (GB). COWAN, Kenneth, Graham [GB/GB]; QinetiQ Limited, Fort Halstead, Sevenoaks, Kent TN14 7BP (GB).

(74) RICHARDSON, Mark; IP QinetiQ Formalities, Cody Technology Park, A4 Building Ively Road, Farnborough, Hampshire 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F42D 1/22

(11) WO 03/042626 (13) A1

(21) PCT/FI02/00884

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) 20012192 12 Nov/nov 2001 FI (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ARRANGEMENT FOR INSERTING CHARGES INTO DRILL HOLE

• SYSTEME PERMETTANT L'INSERTION DE CHARGES DANS UN TROU DE FORAGE

(71) SANDVIK TAMROCK OY [FI/FI]; Pihtisulunkatu 9, FIN-33330 Tampere (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HÄKKINEN, Leo [FI/FI]; Jenseninkatu 27 C 14, FIN-33610 Tampere (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ G01B 7/34

(11) WO 03/042627 (13) A2

(21) PCT/EP02/12513

(22) 8 Nov/nov 2002 (08.11.2002)

(25) de (26) de

(30) 101 55 930.5 14 Nov/nov 2001 DE (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FIELD EFFECT TRANSISTOR SENSOR
• CAPTEUR A TRANSISTOR A EFFET DE CHAMP

(71) UNIVERSITÄT KASSEL [DE/DE]; Mönchebergstrasse 19, 34125 Kassel (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EDINGER, Klaus [DE/US]; 9210 Gold Dust Court, Laurel, MD 20723 (US). RANGELOW, Ivajlo [DE/DE]; Obere Sommerbachstrasse 45, 24225 Baunatal (DE). GRABIEC, Piotr [PL/PL]; Ul. Kazury 7, PL-02-795 Warszawa (PL). MELNGAILIS, John [US/US]; 3314 Brooklawn Terrasse, Chevy Chase, MD 20815 (US).

(74) MANITZ, FINSTERWALD & PARTNER GBR; Postfach 31 02 20, 80102 München (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model /

modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01B 9/02

(11) WO 03/042628 (13) A1

(21) PCT/US02/33765

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 60/333,245 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • APPARATUS AND METHOD FOR CALIBRATING AN INTERFEROMETER

• DISPOSITIF ET PROCÉDE POUR CALIBRER UN INTERFEROMETRE

(71) ZYGO CORPORATION [US/US]; Laurel Brook Road, Middlefield, CT 06455-0448 (US).

(72) EVANS, Christopher, James; 53 Old County Road, Higganum, CT 06441 (US). KÜCHEL, Michael; Keplerstrasse 3, D-73447 Oberkochen (DE). ZANONI, Carl, A.; 99 Long Hill Road, Middlefield, CT 06455 (US).

(74) CAUFIELD, Francis, J.; 6 Apollo Circle, Lexington, MA 02421-7025 (US).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ G01B 11/00, 11/14

(11) WO 03/042629 (13) A1

(21) PCT/US02/35882

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 60/338,204 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FOCUS MASKING STRUCTURES, FOCUS PATTERNS AND MEASUREMENTS THEREOF

• STRUCTURES DE MASQUAGE DE FOCALISATION, MOTIFS ET MESURES DE FOCALISATION DE CELLES-CI

(71) KLA-TENCOR TECHNOLOGIES CORPORATION [US/US]; One Technology Drive, Milpitas, CA 95035 (US).

(72) MIEHER, Walter; 14135 Old Japanese Road, Los Gatos, CA 95033 (US). WACK, Dan; 930 Lundy Lane, Los Altos, CA 94024

- (US). LEVY, Ady; 1632 Swallow Drive, Sunnyvale, CA 94087 (US).
- (74) OLYNICK, MARY R.; Beyer Weaver & Thomas LLP, P.O. Box 778, Berkeley, CA 94704 (US).
- (81) JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ G01B 11/06

- (11) WO 03/042630 (13) A1
- (21) PCT/JP02/11743
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) ja (26) ja
- (30) 2001-346397 12 Nov/nov 2001 JP (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • METHOD OF MEASURING CHANGE IN GLASS THICKNESS
- PROCEDE DE MESURE DES CHANGEMENTS D'ÉPAISSEUR DE VERRE

(71) NIHON UNIVERSITY SCHOOL JURIDICAL PERSON [JP/JP]; 8-24, Kudanminami 4-chome, Chiyoda-ku, Tokyo 102-8275 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) INOUE, Shuichiro [JP/JP]; c/o Nihon University School Juridical Person, 8-24, Kudan minami 4-chome, Chiyoda-ku, Tokyo 102-8275 (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 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01B 11/30, G01N 33/46

- (11) WO 03/042631 (13) A1
- (21) PCT/SE02/01791
- (22) 1 Oct/oct 2002 (01.10.2002)
- (25) sv (26) en
- (30) 0103279-6 2 Oct/oct 2001 SE (02.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • METHOD AND ARRANGEMENT IN A MEASURING SYSTEM
- PROCEDE ET DISPOSITIF DE SYSTEME DE MESURE

(71) IVP INTEGRATED VISION PRODUCTS AB [SE/SE]; Wallenbergs gata 4, S-583 35 Linköping (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ÅSTRÖM, Anders [SE/SE]; Heidenstams gata 15, S-584 37 Linköping (SE).

ÅSTRAND, Erik [SE/SE]; Vanserumsvägen 4, S-386 94 Färjestaden (SE).

(74) STRÖM & GULLIKSSON; Wallenbergs gata 4, S-583 35 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01C 19/04, F03G 3/08

- (11) WO 03/042632 (13) A1
- (21) PCT/ES02/00482
- (22) 11 Oct/oct 2002 (11.10.2002)
- (25) es (26) es
- (30) P-200102290 17 Oct/oct 2001 ES (17.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • GYROSCOPIC ACTUATOR
- VERIN GYROSCOPIQUE

(71) INGENIERÍA DISEÑO Y ANÁLISIS, S.L. [ES/ES]; Ibiza, 37, E-28009 Madrid (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUERRERO PADRON, Juan, Jose [ES/ES]; Ibiza, 37, E-28009 Madrid (ES).

(74) URIZAR BARANDIARAN, Miguel, Angel; Gordóniz, 22 - 5^o, E-48012 Bilbao (ES).

(81) AU BR CA CN IL IN JP KR MX NO RU SG US ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G01C 19/72, H01S 3/067

- (11) WO 03/042633 (13) A1
- (21) PCT/US02/36166
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 09/993,995 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • RADIATION INSENSITIVE FIBER LIGHT SOURCE FOR INTERFEROMETRIC FIBER OPTIC GYROSCOPES (IFOGS)

• SOURCE LUMINEUSE A FIBRE OPTIQUE INSENSIBLE AUX RAYONNEMENTS POUR GYROSCOPES A FIBRE OPTIQUE INTERFEROMETRIQUES

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) ANG, Dick; 5889 W. Del Lago Circle, Glendale, AZ 85303 (US). LIU, Ren-Young; 2549 W. Madero Avenue, Mesa, AZ 85202 (US).

SPICER, Timothy, L.; 1720 E. Thunderbird Road, Phoenix, AZ 85022 (US).

(74) CRISS, Roger, H. et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AU CA DE JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ G01C 21/20

- (11) WO 03/042634 (13) A2
- (21) PCT/EP02/11285
- (22) 9 Oct/oct 2002 (09.10.2002)
- (25) de (26) de
- (30) 01811089.0 13 Nov/nov 2001 EP (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • NAVIGATION COMPUTER
- ORDINATEUR DE NAVIGATION

(71) TB-ELECTRONICS GMBH [CH/CH]; Nöllenstrasse 15a, CH-9443 Widnau (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BÖHME, Thomas [DE/CH]; Unterbün- telistrasse 7i, CH-9443 Widnau (CH).

(74) HEPP, Dieter et al. / etc.; Hepp, Wenger & Ryffel AG, Friedtalweg 5, CH-9500 Wil (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01C 21/32, G06F 1/00

- (11) WO 03/042635 (13) A1
- (21) PCT/DE02/03315
- (22) 6 Sep/sep 2002 (06.09.2002)
- (25) de (26) de
- (30) 101 55 485.0 13 Nov/nov 2001 DE (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • INFORMATION SUPPORT, DRIVER INFORMATION DEVICE AND METHOD FOR THE ACTIVATION OF DATA

• SUPPORT D'INFORMATION, SYSTEME D'INFORMATION CONDUCTEUR ET PROCEDE D'ACTIVATION DE DONNEES

(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) BARKOWSKI, Andre [DE/DE]; Erich-Ollenhauer-Str. 88, 38228 Salzgitter

- (DE). HEINEMANN, **Andreas** [DE/DE]; Hildesheimer Str. 31, 31180 Giesen (DE). SCHLOEGL, **Dietmar** [DE/DE]; Lange Halbe 19, 31079 Sibbesse (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ G01D 5/00
- (11) WO 03/042636 (13) A2
- (21) PCT/US02/30933
- (22) 30 Sep/sep 2002 (30.09.2002)
- (25) en (26) en
- (30) 09/987,436 14 Nov/nov 2001 US (14.11.2001)
- (30) 09/987,437 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • FIBER OPTIC SENSOR USABLE OVER WIDE RANGE OF GAGE LENGTHS AND SENSING SYSTEM AND METHOD USING IT
- CAPTEUR A FIBRE OPTIQUE UTILISABLE DANS UN LARGE DOMAINE DE LONGUEURS DE JAUGE, SYSTEME CAPTEUR ET PROCEDE L'UTILISANT
- (71) FOX-TEK [CA/CA]; 4580 Dufferin Street, Suite 402, Toronto, Ontario M3H 5Y2 (CA).
- (71) JOLLY, **Gary** [US/US]; 850 Penns Way, West Chester, PA 19382 (US).
(only for / seulement pour VN)
- (72) MORISON, **W., Don**; 3240 Latvia Court, Mississauga, Ontario L5B 3W5 (CA). MANUELPIILLAI, **Gerald**; 12 Dennis Drive, Ajax, Ontario L1T 4A9 (CA). TENNYSON, **Roderick, C.**; 99 Harbour Square, Suite 614, Toronto, Ontario M5J 2H2 (CA). CHERPILLOD, **Thierry**; 38 Domingo Street, Maple, Ontario L6A 2Z5 (CA). ROUSE, **Dominic**; 29 Craydon Avenue, Toronto, Ontario M6M 2C8 (CA).
- (74) GREENBAUM, **Michael, C.**; Blank Rome Comisky & McCauley, 900 17th Street, N.W., Suite 1000, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01F 1/00, A01J 5/00, G01F 1/72
- (11) WO 03/042637 (13) A1
- (21) PCT/EP02/12901
- (22) 18 Nov/nov 2002 (18.11.2002)
- (25) de (26) de
- (30) 101 56 450.3 16 Nov/nov 2001 DE (16.11.2001)
- (30) 102 33 312.2 22 Jul/juil 2002 DE (22.07.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND DEVICE FOR DETERMINING THE VOLUMETRIC FLOW RATE OF MILK FLOWING DURING A MILKING PROCESS
- PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER LE DEBIT VOLUMETRIQUE DE LAIT S'ECOULANT PENDANT LE PROCESSUS DE TRAITE
- (71) WESTFALIA LANDTECHNIK GMBH [DE/DE]; Werner-Habig-Strasse 1, 59302 Oelde (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WAMHOF, **Heiner** [DE/DE]; Eibenweg 10, 49186 Bad Iburg (DE). KRASUTZKI, **Marek** [DE/DE]; Einsteinstr. 2, 48291 Telgte (DE). KAEVER, **Peter** [DE/DE]; Fritz-Reuter-Str. 23, 59302 Oelde (DE). REURIK, **Jan-Hermann** [DE/DE]; Bogenstr. 6, 49843 Gölenkamp (DE).
- (74) NEUMANN, **Ditmar**; Patentanwälte, Kahlhöfer Neumann Herzog Fiesser, Karlstr. 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ G01F 1/66
- (11) WO 03/042638 (13) A1
- (21) PCT/JP02/11821
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) ja (26) ja
- (30) 2001-383766 13 Nov/nov 2001 JP (13.11.2001)
- (30) 2002-226559 2 Aug/août 2002 JP (02.08.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD OF MEASURING FLOW OF FLUID MOVING IN PIPE OR GROOVE-LIKE FLOW PASSAGE
- PROCEDE DE MESURE DE L'ECOULEMENT D'UN FLUIDE DANS UN TUYAU OU DANS UN PASSAGE D'ECOULEMENT DE TYPE RAINURE
- (71, 72) OHNISHI, **Kazumasa** [JP/JP]; 121-35, Hanazonohigashi 2-chome, Nagaoka-shi, Niigata 940-0846 (JP).
- (74) YANAGAWA, **Yasuo**; Mitsuya-Yotsuya Building 8th Floor, 2-14, Yotsuya, Shinjuku-ku, Tokyo 160-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
- RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ G01F 23/284, H01Q 13/10
- (11) WO 03/042639 (13) A1
- (21) PCT/SE02/02081
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) sv (26) en
- (30) 0103816-5 16 Nov/nov 2001 SE (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SLOT ANTENNA
- ANTENNE A FENTE
- (71) SAAB MARINE ELECTRONICS AB [SE/SE]; P.O. Box 13045, S-402 51 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WESTERLING, **Jan** [SE/SE]; Pilgatan 6, S-587 31 Linköping (SE). KRIG, **Torbjörn** [SE/SE]; Rumsquilla Strandliden, S-570 30 Mariannelund (SE).
- (74) STRÖM & GULLIKSSON IP AB; Wallenbergs gata 4, S-583 35 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01F 23/36
- (11) WO 03/042640 (13) A1
- (21) PCT/JP02/11709
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) ja (26) ja
- (30) 2001/345676 12 Nov/nov 2001 JP (12.11.2001)
- (30) 2002/91067 28 Mar/mar 2002 JP (28.03.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • LIQUID LEVEL SENSOR
- CAPTEUR DE NIVEAU DE LIQUIDE
- (71) NIPPON SEIKI CO., LTD. [JP/JP]; 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 940-8580 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SATO, **Tetsuya** [JP/JP]; c/o Nippon Seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 940-8580 (JP). SATO, **Koichi** [JP/JP]; c/o Nippon Seiki Co., Ltd.,

- 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 940-8580 (JP). **NAKAGAWA, Tadao** [JP/JP]; c/o Nippon Seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 940-8580 (JP). **ENOMOTO, Kiyoshi** [JP/JP]; c/o Nippon Seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 940-8580 (JP). **HAYAKAWA, Toshio** [JP/JP]; c/o Nippon Seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 940-8580 (JP). **SHIMAZAKI, Yoshiyuki** [JP/JP]; c/o Nippon Seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 940-8580 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G01G**
- (11) **WO 03/042641** (13) A2
- (21) PCT/IL02/00903
- (22) **11 Nov/nov 2002 (11.11.2002)**
- (25) en (26) en
- (30) 146437 **11 Nov/nov 2001 IL (11.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND APPARATUS FOR CYCLICALLY PORTIONING PRODUCTS BASED ON PREDETERMINED TARGET WEIGHTS
- PROCEDE ET APPAREIL DE MISE EN PORTIONS CYCLIQUE DE PRODUITS REPOSANT SUR DES POIDS CIBLES DETERMINES
- (71) **WEIGHCO LTD.** [IL/IL]; Nitzanim Innitiaive Center, Nahal Soreq, 81 800 Yavne (IL). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **PLOTNITZKY, Igor** [IL/IL]; 6/27 Ihiel Paldi street, 76 248 Rehovot (IL). **KIPNIS, Yuri** [IL/IL]; 3/11 Shprinzak Street, 75 236 Rishon LeZion (IL). **SHEKHTMAN, Igor** [IL/IL]; 1/7 Haim Toran Street, 97 823 Jerusalem (IL).
- (74) **G. E. EHRlich (1995) LTD.**; 28 Bezalel Street, 52 521 Ramat Gan (IL).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01G 23/00**
- (11) **WO 03/042643** (13) A1
- (21) PCT/IB02/04770
- (22) **15 Nov/nov 2002 (15.11.2002)**
- (25) de (26) de
- (30) 101 56 013.3 **15 Nov/nov 2001 DE (15.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SCALE PAN CARRIER HAVING OVERLOAD PROTECTION
- SUPPORT DE PLATEAU DE BALANCE DOTE D'UNE PROTECTION CONTRE LES SURCHARGES
- (71) **METTLER-TOLEDO GMBH** [CH/CH]; Im Langacher, CH-8606 Greifensee (CH). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **Burkhard, Hans-Rudolf** [CH/CH]; Höhenstrasse 26, CH-8492 Wila (CH).
- (74) **METTLER-TOLEDO GMBH**; Patent Department, Im Langacher, CH-8606 Greifensee (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 SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01J 3/14**
- (11) **WO 03/042644** (13) A1
- (21) PCT/US02/32451
- (22) **10 Oct/oct 2002 (10.10.2002)**
- (25) en (26) en
- (30) 09/989,031 **16 Nov/nov 2001 US (16.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • IMAGING AND ANALYZING PARAMETERS OF SMALL MOVING OBJECTS SUCH AS CELLS IN BROAD FLAT FLOW
- IMAGERIE ET ANALYSE DE PARAMETRES DE PETITS OBJETS EN DEPLACEMENT, NOTAMMENT DES CELLULES DANS UN ECOULEMENT PLAT ET LARGE
- (71) **AMNIS CORPORATION** [US/US]; 2505 Third Avenue, Suite 210, Seattle, WA 98121 (US).
- (72) **ORTYN, William**; 11546 Matsu Place, Bainbridge Island, WA 98110 (US). **BASIJ, David**; 6538 Greenwood Avenue North, Seattle, WA 98103 (US).
- (74) **ANDERSON, Ronald**; Law Offices of Ronald M. Anderson, 600 108th Avenue NE Suite 507, Bellevue, WA 98004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ **G01J 3/28, 3/12**
- (11) **WO 03/042645** (13) A1
- (21) PCT/US02/18559
- (22) **10 May/mai 2002 (10.05.2002)**
- (25) en (26) en
- (30) 10/007,796 **9 Nov/nov 2001 US (09.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)

(54) • MINIATURIZED TALBOT SPECTROMETER

• SPECTROMETRE TALBOT MINIATURISE

(71) BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY [US/US]; 900 Welch Road, Suite 350, Palo Alto, CA 94304 (US).

(72) KUNG, Helen, L.; 116 D Escondido Village, Stanford, CA 94305 (US). MILLER, David, A., B.; 815 San Francisco Court, Stanford, CA 94305 (US).

(74) JACOBS, Ron; Suite 110, 45 Cabot Avenue, Santa Clara, CA 95051 (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).

Published / Publiée : (c)

(51)⁷ G01J 3/44

(11) WO 03/042646 (13) A2

(21) PCT/US02/32767

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) 60/345,337 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ON-LINE MEASUREMENT AND CONTROL OF POLYMER PROPERTIES BY RAMAN SPECTROSCOPY

• MESURE ET REGULATION EN LIGNE DES PROPRIETES DES POLYMERES PAR SPECTROSCOPIE RAMAN

(63) US 60/345,337 (CON) 9 Nov/nov 2001 (09.11.2001)

(71) EXXONMOBIL CHEMICAL PATENTS INC. [US/US]; 5200 Bayway Drive, Baytown, TX 77520-2101 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LONG, Robert, L. [US/US]; 15014 Cobble Valley, Houston, TX 77062 (US). MARROW, David, G. [US/US]; 1015 Willowvale Drive, Taylor Lake Village, TX 77586 (US).

(74) PRODNAK, Stephen, D.; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 TN 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(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 TN 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ G01L 1/24, 11/02

(11) WO 03/042647 (13) A1

(21) PCT/GB02/05140

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 0127497.6 15 Nov/nov 2001 GB (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • STRAIN SENSOR

• CAPTEUR DE DEFORMATION

(71) THE SECRETARY OF STATE FOR DEFENCE [GB/GB]; Whitehall, London SW1A 2HB (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCCULLOCH, Scott [GB/GB]; AWE, Aldermaston, Reading, Berkshire RG7 4PR (GB). BURNELL, Gary [GB/GB]; AWE, Aldermaston, Reading, Berkshire RG7 4PR (GB). MAIER, Robert, Raimund, Josef [DE/GB]; Heriot-Watt University, Department of Physics, Edinburgh EH14 4AS (GB). BARTON, James, Stephen [GB/GB]; Heriot-Watt University, Department of Physics, Edinburgh EH14 4AS (GB). JONES, Julian, David, Clayton [GB/GB]; Heriot-Watt University, Department of Physics, Edinburgh EH14 4AS (GB).

(74) BECKHAM, Robert, William; D/IPR Formalities Section, Poplar 2, MOD Abbey Wood #2218, Bristol BS34 8JH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01L 19/04

(11) WO 03/042648 (13) A1

(21) PCT/JP02/11474

(22) 1 Nov/nov 2002 (01.11.2002)

(25) ja (26) ja

(30) 2001-351803 16 Nov/nov 2001 JP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SPEECH ENCODER, SPEECH DECODER, SPEECH ENCODING METHOD, AND SPEECH DECODING METHOD

• CODEUR DE SIGNAL VOCAL, DECODEUR DE SIGNAL VOCAL, PROCEDE DE CODAGE DE SIGNAL VOCAL ET PROCEDE DE DECODAGE DE SIGNAL VOCAL

(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) KATO, Yumiko [JP/JP]; 8-10, Kunitatsu-cho, Neyagawa-shi, Osaka 572-0016 (JP). KAMAI, Takahiro [JP/JP]; 6-2-2, Kizugawadai, Kizu-cho, Soraku-gun, Kyoto 619-0225 (JP).

(74) MAEDA, Hiroshi et al. / etc.; Taihei Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01M

(11) WO 03/042649 (13) A2

(21) PCT/US02/34177

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 09/993,065 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • RANGE EXTENDING SYSTEM AND SPATIAL FILTER FOR ENHANCING HARTMANN-SHACK IMAGES AND ASSOCIATED METHODS

• SYSTEME D'EXTENSION DE PORTEE ET FILTRE SPATIAL POUR AMELIORER LES IMAGES HARTMANN-SHACK ET PROCEDES ASSOCIES

(71) ALCON, INC. [CH/CH]; Bosch 69, P.O. Box 62, CH-6331 Hunenberg (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CAMPIN, John, A.** [US/US]; 14313 N. Berwick Ct., Orlando, FL 32828 (US).

(74) **SCHIRA, Jeffrey, S.** et al. / etc.; Alcon Research, Ltd., 6201 S. Freeway, Q-148, Fort Worth, TX 76134-2099 (US).

(81) AU BR CA JP MX US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ **G01M 1/36, F16F 15/32**

(11) **WO 03/042650** (13) A1

(21) PCT/US02/36595

(22) **13 Nov/nov 2002 (13.11.2002)**

(25) en (26) en

(30) 60/332,755 **14 Nov/nov 2001 US (14.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • **BALANCING DEVICE FOR A ROTATING MEMBER AND ASSOCIATED METHODS**

• **DISPOSITIF D'EQUILIBRAGE POUR ELEMENT ROTATIF ET PROCEDES ASSOCIES**

(71) **LORD CORPORATION** [US/US]; 111 Lord Drive, P.O. Box 8012, Cary, NC 27512-8012 (US).

(72) **ALTIERI, Russell, E.**; 129 Longbridge Drive, Cary, NC 27511 (US). **SCHULTE, Thomas, E.**; 12655 Austin Road, Manchester, MI 48158 (US). **SHARP, Jeffry**; 5071 Bemis Heights, Brighton, MI 48114 (US). **HACKETT, Brian, K.**; 8424 Warner Road, Saline, MI 48176 (US).

(74) **WRIGHT, James, W.**; Lord Corporation, 111 Lord Drive, P.O. Box 8012, Cary, NC 27512-8012 (US).

(81) AU BR CA CN JP KR MX RU.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ **G01M 3/20**

(11) **WO 03/042651** (13) A1

(21) PCT/EP02/12601

(22) **12 Nov/nov 2002 (12.11.2002)**

(25) de (26) de

(30) 101 56 205.5 **15 Nov/nov 2001 DE (15.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • **TEST GAS LEAKAGE DETECTOR**

• **DETECTEUR DE FUITE DE GAZ TRACÉUR**

(71) **INFICON GMBH** [DE/DE]; Bonner Strasse 498, 50968 Köln (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GROSSE-BLEY, Werner** [DE/DE]; Köhlstrasse 5, 53125 Bonn (DE). **BOEHM, Thomas** [DE/DE]; Lahnstrasse 57, 50859 Köln (DE). **HIRCHE, Ralf** [DE/DE]; Muddersbacher Strasse 101, D-51101 Köln (DE).

(74) **LEINEWEBER, Jürgen**; Aggerstrasse 24, 50859 Köln (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ **G01M 11/02**

(11) **WO 03/042652** (13) A1

(21) PCT/JP02/11758

(22) **12 Nov/nov 2002 (12.11.2002)**

(25) ja (26) ja

(30) 2001-347897 **13 Nov/nov 2001 JP (13.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • **WAVELENGTH DISPERSION PROBING SYSTEM**

• **SYSTEME DE SONDAGE DE DISPERSION DE LONGUEUR D'ONDE**

(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) **SATOMURA, Hiroaki** [JP/JP]; c/o ADVANTEST CORPORATION, 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP). **FUJITA, Shinya** [JP/JP]; c/o ADVANTEST CORPORATION, 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP). **UKITA, Junichi** [JP/JP]; c/o ADVANTEST CORPORATION, 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP). **WATANABE, Katsuhiko** [JP/JP]; c/o ADVANTEST CORPORATION, 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).

(74) **AMAGAI, Masahiko**; Amagai Tokkyo Jimusyo, 2nd Floor, Kitashinjuku OC Build., 8-15, Kitashinjuku 1-chome, Shinjuku-ku, Tokyo 169-0074 (JP).

(81) DE JP US.

(51)⁷ **G01N**

(11) **WO 03/042653** (13) A2

(21) PCT/DE02/03548

(22) **20 Sep/sep 2002 (20.09.2002)**

(25) de (26) de

(30) 101 55 371.4 **10 Nov/nov 2001 DE (10.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • **SENSOR FOR THE DETERMINATION OF THE DIELECTRIC CONSTANT OF A FUEL**

• **CAPTEUR CONCU POUR DETERMINER LES CONSTANTES DIELECTRIQUES D'UN CARBURANT**

(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) **JAKOBY, Bernhard** [AT/AT]; Schulgasse 86/11, A-1180 Wien (AT). **WEIBLEN, Kurt** [DE/DE]; Benzer Strasse 4, 72555 Metzingen (DE). **NIEMANN, Markus** [DE/DE]; Auf dem Gehren 20, 66701 Beckingen (DE). **HAMM, Gerald** [DE/DE]; Krokusstrasse 8, 71083 Herrenberg (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ **G01N**

(11) **WO 03/042654** (13) A2

(21) PCT/US02/31106

(22) **27 Sep/sep 2002 (27.09.2002)**

(25) en (26) en

(30) 60/333,047 **14 Nov/nov 2001 US (14.11.2001)**

(30) 60/349,936 **18 Jan/jan 2002 US (18.01.2002)**

(30) 60/361,834 **4 Mar/mar 2002 US (04.03.2002)**

(30) 10/175,523 **18 Jun/juin 2002 US (18.06.2002)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • **MULTI-PARAMETER HIGH THROUGHPUT SCREENING ASSAYS (MPHTS)**

• **METHODES DE CRIBLAGE A HAUT DEBIT A PARAMETRES MULTIPLES**

(71) **PSYCHIATRIC GENOMICS, INC.** [US/US]; 19 Firstfield Road, Gaithersburg, MD 20878 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALTAR, Anthony, C.** [US/US]; 11100 Kenilworth Avenue, Garrett Park, MD 20896 (US). **BROCKMAN, Jeffrey, A.** [US/US]; 2207 Lamp Post Lane, Frederick, MD 21701 (US). **EVANS, David** [US/US]; 13405 Moran Drive, N. Potomac, MD 20878 (US). **HOOK, Derek** [US/US]; 403 Main Street, Gaithersburg, MD 20878 (US). **KLIMCZAK, Leszek** [CA/US]; 628 Windbrooke Drive, Gaithersburg, MD 20879 (US). **LAENG, Pascal** [FR/US]; 1841 Columbia Road, Washington, DC 20009 (US). **PALFREYMAN, Michael** [US/US]; 2125 Quay Village Court, T-1, Annapolis, MD 21403 (US). **RAJAN, Prithi** [US/US]; 106 Lynch Street, Rockville, MD 20850 (US).

(74) **LUDWIG, Peter, S.** 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 DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01N**

(11) **WO 03/042655** (13) A2

(21) PCT/US02/31285

(22) **1 Oct/oct 2002 (01.10.2002)**

(25) en (26) en

(30) 10/054,225 **13 Nov/nov 2001 US (13.11.2001)**

(43) 22 May/mai 2003 (22.05.2003)

(54) • **DIAGNOSTIC ASSAY FOR ANTIBIOTIC TOLERANCE**

- ESSAI DIAGNOSTIQUE DE TOLERANCE AUX ANTIBIOTIQUES

(71) **ST JUDE CHILDREN'S RESEARCH HOSPITAL** [US/US]; 332 N Lauderdale St, Office of Technology Licensing, Mailstop 0742, Memphis, TN 38105 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ATKINSON, Robyn** [US/US]; 6 South McLean, Apt 802, Memphis, TN 38105 (US).
TUOMANEN, Elaine [US/US]; 9600 Dove Meadow Cove West, Germantown, TN 38139 (US).

(74) **ELMER, James**; St Jude Children's Research Hospital, 332 N Lauderdale, Office of Technology Licensing, Mailstop 0742, Memphis, TN 38105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ G01N

(11) **WO 03/042656** (13) A2

(21) PCT/US02/34879

(22) **30 Oct/oct 2002 (30.10.2002)**

(25) en (26) en

(30) 60/350,650 **13 Nov/nov 2001 (13.11.2001)** US

(43) 22 May/mai 2003 (22.05.2003)

(54) • IDENTIFYING AND REDUCING THE ALLERGENICITY OF FOOD PROTEINS

• IDENTIFICATION ET REDUCTION DE L'ALLERGENICITE DE PROTEINES ALIMENTAIRES

(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) **HARDING, Fiona, A** [US/US]; 772 Lewis Street, Santa Clara, CA 95050 (US).
POWER, Scott, D. [UG/UG]; 524 Poplar Avenue, San Bruno, CA 94066 (US).

(74) **MACKNIGHT, Kamrin, T.**; GENENCOR INTERNATIONAL, INC., 925 Page Mill Road, Palo Alto, CA 94304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) **WO 03/042657** (13) A2

(21) PCT/US02/35552

(22) **6 Nov/nov 2002 (06.11.2002)**

(25) en (26) en

(30) 60/337,686 **9 Nov/nov 2001 (09.11.2001)** US

(43) 22 May/mai 2003 (22.05.2003)

(54) • DETECTION OF NUCLEIC ACID SEQUENCES BY CLEAVAGE AND SEPARATION OF TAG-CONTAINING STRUCTURES

• DETECTION DE SEQUENCES D'ACIDES NUCLEIQUES PAR CLIVAGE ET SEPARATION DE STRUCTURES MARQUEES

(71) **ACLARA BIOSCIENCES INC.** [US/US]; 1288 Pear Avenue, Mountain View, CA 94043 (US).

(72) **CHENNA, Ahmed**; 1068 W. McKinley Avenue, Sunnyvale, CA 94086 (US).
XIAO, Vivian; 21565 Monrovia Street, Cupertino, CA 95014 (US).
SINGH, Sharat; 3420 Royal Meadow Lane, San Jose, CA 95135 (US).

(74) **MACEVICZ, Stephen, C.**; Aclara Biosciences Inc., 1288 Pear Avenue, Mountain View, CA 94043 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ G01N

(11) **WO 03/042658** (13) A2

(21) PCT/US02/35893

(22) **8 Nov/nov 2002 (08.11.2002)**

(25) en

(26) en

(30) 60/337,982 **9 Nov/nov 2001 (09.11.2001)** US

(30) 10/011,201 **9 Nov/nov 2001 (09.11.2001)** US

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHODS AND COMPOSITIONS FOR ENHANCING DETECTION IN DETERMINATIONS EMPLOYING CLEAVABLE ELECTROPHORETIC TAG REAGENTS

• PROCEDES ET COMPOSITIONS PERMETTANT D'AMELIORER LA DETECTION DANS DES ANALYSES DANS LESQUELLES ON UTILISE DES REACTIFS A MARQUEURS ELECTROPHORETIQUES CLIVABLES

(63) US 10/011,201 (CIP)
9 Nov/nov 2001 (09.11.2001)

(71) **ACLARA BIOSCIENCES, INC.** [US/US]; 1288 Pear Avenue, Mountain View, CA 94043 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHENNA, Ahmed** [DZ/US]; 1068 W. McKinley Avenue, Sunnyvale, CA 94086 (US).
SINGH, Sharat [IN/US]; 3420 Royal Meadow Lane, San Jose, CA 95135 (US).

(74) **GORTHEY, Leeann et al.** / etc.; Perkins Coie LLP, P.O. Box 2168, Menlo Park, CA 94026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) **WO 03/042659** (13) A2

(21) PCT/US02/36452

(22) **14 Nov/nov 2002 (14.11.2002)**

(25) en (26) en

(30) 09/993,391 **14 Nov/nov 2001 (14.11.2001)** US

(43) 22 May/mai 2003 (22.05.2003)

(54) • RAPID PRION-DETECTION ASSAY

• DOSAGE BIOLOGIQUE POUR DETECTER RAPIDEMENT LA PRESENCE DE PRIONS

(71) **PRION DEVELOPMENTAL LABORATORIES, INC.** [US/US]; 900 Asbury Drive - Unit 7, Buffalo Grove, IL 60089 (US).

(72) **HAJZADEH, Kiamars**; 1421 Johnson Drive #1421, Buffalo Grove, IL 60089 (US).
MURTAZA, Zakir, S.; 4237 North Bloomington Avenue #204, Arlington Heights, IL 60004 (US).

(74) **MORNEAULT, Monique, A.**; Wallenstein & Wagner, Ltd., 311 South Wacker Drive - 5300, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01N
- (11) WO 03/042660 (13) A2
- (21) PCT/US02/36542
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/332,920 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SCREENING METHOD FOR PREDICTING SUSCEPTIBILITY TO BREAST CANCER
- METHODE DE DEPISTAGE PERMETTANT D'EVALUER UNE PREDISPOSITION AU CANCER DU SEIN
- (71, 72) SIRBASKU, David, A. [US/US]; 4315 Lago Viento, Austin, TX 79734-1906 (US).
- (74) MINTZ, Carol, G. et al. / etc.; Conley Rose & Tayon, P.C., P.O. Box 3267, Houston, TX 77253-3267 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01N
- (11) WO 03/042661 (13) A2
- (21) PCT/US02/36810
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/350,666 13 Nov/nov 2001 US (13.11.2001)
- (30) 60/332,464 21 Nov/nov 2001 US (21.11.2001)
- (30) 60/334,393 29 Nov/nov 2001 US (29.11.2001)
- (30) 60/335,394 3 Dec/déc 2001 US (03.12.2001)
- (30) 60/340,376 14 Dec/déc 2001 US (14.12.2001)
- (30) 60/347,211 8 Jan/jan 2002 US (08.01.2002)
- (30) 60/347,349 10 Jan/jan 2002 US (10.01.2002)
- (30) Not furnished / non communiqué 8 Feb/fév 2002 US (08.02.2002)
- (30) 60/356,714 13 Feb/fév 2002 US (13.02.2002)
- (30) 60/359,077 20 Feb/fév 2002 US (20.02.2002)
- (30) 60/368,809 29 Mar/mar 2002 US (29.03.2002)
- (30) 60/370,110 4 Apr/avr 2002 US (04.04.2002)
- (30) 60/372,246 12 Apr/avr 2002 US (12.04.2002)
- (30) 60/386,614 5 Jun/juin 2002 US (05.06.2002)
- (30) 60/396,839 16 Jul/juil 2002 US (16.07.2002)
- (30) 60/397,775 22 Jul/juil 2002 US (22.07.2002)
- (30) 60/397,845 22 Jul/juil 2002 US (22.07.2002)
- (30) 60/409,450 9 Sep/sep 2002 US (09.09.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHODS OF DIAGNOSIS OF CANCER, COMPOSITIONS AND METHODS OF SCREENING FOR MODULATORS OF CANCER
- METHODES DE DIAGNOSTIC DU CANCER, COMPOSITIONS ET METHODES DE CRIBLAGE DES MODULATEURS DU CANCER
- (71) EOS BIOTECHNOLOGY, INC. [US/US]; 225A Gateway Boulevard, South San Francisco, CA 94080 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AFAR, Daniel [CA/US]; 435 Visitacion Avenue, Brisbane, CA 94005 (US). AZIZ, Natasha [US/US]; 411 California Avenue, Palo Alto, CA 94306 (US). GINSBURG, Wendy, M. [US/US]; 655 Page Street, San Francisco, CA 94117 (US). GISH, Kurt, C. [US/US]; 37 Artuna Avenue, Piedmont, CA 94611 (US). GLYNNNE, Richard [GB/US]; 2691 Palomino Circle, La Jolla, CA 92037 (US). HEVEZI, Peter, A. [GB/US]; 1360 11th Avenue, San Francisco, CA 94122 (US). MACK, David, H. [US/US]; 2076 Monterey Avenue, Menlo Park, CA 94025 (US). MURRAY, Richard [US/US]; 22643 Woodridge Court, Cupertino, CA 95014 (US). WATSON, Susan, R. [GB/US]; 805 Balra Drive, El Cerrito, CA 94530 (US). WILSON, Keith, E. [US/US]; 219 Jeter Street, Redwood City, CA 94062 (US). ZLOTNIK, Albert [US/US]; 507 Alger Drive, Palo Alto, CA 94306 (US).
- (74) BASTIAN, Kevin, L. 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G01N
- (11) WO 03/042662 (13) A2
- (21) PCT/ZA02/00171
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) en (26) en
- (30) 2001/9289 12 Nov/nov 2001 ZA (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DETERMINING PROGESTERONE CYCLES IN LIVESTOCK
- DETERMINATION DES CYCLES DE LA PROGESTERONE CHEZ DES ANIMAUX D'ELEVAGE
- (71, 72) NEL, Andre, Johan [ZA/ZA]; 1320 Dickenson Avenue, Waverley, 0186 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 (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01N 1/28, B02C 17/14
- (11) WO 03/042663 (13) A1
- (21) PCT/EP02/12525
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) MO2001A000218 13 Nov/nov 2001 IT (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • LABORATORY APPARATUS FOR GRINDING LOOSE MATERIALS
- APPAREIL DE LABORATOIRE PERMETTANT DE MOUDRE DES MATERIAUX EN VRAC
- (71, 72) BERSELLI, Giorgio [IT/IT]; Via Giardini Nord, 11496, I-41020 Montagnana Di Serramazzoni (IT).
- (74) MODIANO, Guido; Modiano Gardi Patents, 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 TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 3/04

(11) WO 03/042664 (13) A1

(21) PCT/KR02/02097

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) U.M 2001-34626 12 Nov/nov 2001 KR
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • HALT/HASS FIXTURING TABLE FOR
GENERATING SECONDARY VIBRA-
TION USING MOVING BALLS AND
MULTI-AXES RAILS

- TABLE FIXE HALT/HASS SERVANT
A LA GENERATION DE VIBRA-
TIONS SECONDAIRES AU MOYEN
DE BILLES MOBILES ET DE RAILS
MULTIAXIAUX

(71, 72) HWANG, Chung Shick [KR/KR];
67-330, Jeggi-2-dong, Dongdaemun-gu,
130-062 Seoul (KR).

(74) KIM, Byung Jin et al. / etc.; #201 Hwa-
jin Bldg., 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 OM PH PL PT RO RU
SC SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 3/24

(11) WO 03/042665 (13) A1

(21) PCT/FI02/00863

(22) 6 Nov/nov 2002 (06.11.2002)

(25) en (26) en

(30) 20012213 14 Nov/nov 2001 FI
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • APPARATUS AND METHOD FOR
DETERMINING THE SHEARING
STRENGTH OF A THERMAL INSULA-
TION

- APPAREIL ET PROCEDE PERMET-
TANT DE DETERMINER LA RESIS-
TANCE AU CISAILLEMENT D'UN
ARTICLE D'ISOLATION THERMIQUE

(71) PAROC GROUP OY AB [FI/FI]; Nei-
likkatie 17, FIN-01300 Vantaa (FI).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HESELIUS, Lars [FI/FI]; Kullasgränd,
FIN-21600 Pargas (FI). WILLMAN, Tarmo
[FI/FI]; Laskuttajankatu 16, FIN-20780 Kaa-
rina (FI). FELLMAN, Jacob [FI/FI]; Malm-
näsvägen 9 A, FIN-21600 Pargas (FI).

(74) LEITZINGER OY; Tammasaarenkatu 1,
FIN-00180 Helsinki (FI).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SD SE SG SI SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 9/00

(11) WO 03/042666 (13) A2

(21) PCT/GB02/04924

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 0127071.9 10 Nov/nov 2001 GB
(10.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • FLUID DENSITY MEASUREMENT
• MESURE DE DENSITE FLUIDIQUE

(71) SCHLUMBERGER TECHNOLOGY
B.V. [NL/NL]; Parkstraat 83-89, NL-2514
JG The Hague (NL). PETROLEUM RE-
SEARCH AND DEVELOPMENT N.V.
[NL/NL]; De Ruyterkade 62, Willemstad,
Curacao (AN). SCHLUMBERGER CANADA
LIMITED [CA/CA]; 525 - 3rd Avenue S.W.,
Calgary, Alberta T2P 0G4 (CA). SCHLUM-
BERGER HOLDINGS LIMITED [—/—];
P.O. Box 71, Craigmuir Chambers, Road
Town, Tortola (VG). SCHLUMBERGER
OILFIELD ASSISTANCE LIMITED
[—/—]; Craigmuir Chambers, Road Town,
Tortola (VG). SCHLUMBERGER OVER-
SEAS S.A. [PA/PA]; 8 Calle Aquilino de
la Guardia, Panama City (PA). SCHLUM-
BERGER SERVICES LIMITED [—/—];
P.O. Box 438, Tortola, British Virgin Islands
(VG). SCHLUMBERGER SURENCO
S.A. [PA/PA]; 8 Calle Aquilino de la
Guardia, Panama City (PA). SERVICES
PETROLIERS SCHLUMBERGER
[FR/FR]; 42, rue Saint-Dominique, F-75007
Paris (FR).

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les États désignés sauf US)

(72, 75) FITZGERALD, John, Barry [GB/GB];
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(74) MACQUET, Christophe; Intellectual
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Cambridge Research Limited, High Cross,
Maddingley Road, Cambridge CB3 0EL (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 TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 11/16, 11/14, 13/00

(11) WO 03/042667 (13) A1

(21) PCT/NL02/00736

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 01204378.2 15 Nov/nov 2001 EP
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • METHOD AND DEVICE FOR IMAG-
ING THE DYNAMIC BEHAVIOUR OF
MICROSTRUCTURES UNDER THE IN-
FLUENCE OF DEFORMATION

- PROCEDE ET DISPOSITIF DE REPRE-
SENTATION DU COMPORTEMENT
DYNAMIQUE DE MICROSTRUC-
TURES SOUS L'INFLUENCE D'UNE
DEFORMATION

(71) WAGENINGEN CENTRE FOR FOOD
SCIENCES [NL/NL]; P.O. Box 557,
NL-6700 An Wageningen (NL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PAQUES, Marcel [NL/NL]; Ju-
lianaweg 20A, NL-3914 DM Hoorn (NL).
IMHOF, Arnout [NL/NL]; Rooseveltlaan
1044, NL-3526 BS Utrecht (NL). VAN
BLAADEREN, Alfons [NL/NL]; Oudwijk
27, NL-3581 TG Utrecht (NL). NICOLAS,
Yves [FR/NL]; Roghorst 90, NL-6708 KP
Wageningen (NL).

(74) JORRITSMA, Ruurd; Nederlandsch Oct-
trooibureau, 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 SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01N 21/00

(11) WO 03/042668 (13) A2

(21) PCT/US02/36560

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

- (30) 10/002,602 **13 Nov/nov 2001** US
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PHOTOACOUSTIC SPECTROSCOPY SAMPLE ARRAY VESSELS AND PHOTOACOUSTIC SPECTROSCOPY METHODS FOR USING THE SAME
- PLATEAU POUR JEU DE PRELEVEMENTS POUR SPECTROSCOPIE PHOTO-ACOUSTIQUE ET TECHNIQUES DE SPECTROSCOPIE PHOTO-ACOUSTIQUE UTILISANT CES CUVES
- (71) **BATTELLE MEMORIAL INSTITUTE** [US/US]; 902 Battelle Boulevard, P.O. Box 999, Richland, WA 99352 (US).
- (72) **AMONETTE, James, E.**; 1939 Marshall Avenue, Richland, WA 99352 (US). **AUTREY, S., Thomas**; 1222 Broadview Drive, West Richland, WA 99353 (US). **FOSTER-MILLS, Nancy, S.**; 1537 Adair Drive, Richland, WA 99352 (US).
- (74) **CALDWELL, Lisa, M.**; 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G01N 21/17
- (11) **WO 03/042669** (13) A1
- (21) PCT/US02/36689
- (22) **13 Nov/nov 2002 (13.11.2002)**
- (25) en (26) en
- (30) 10/001,235 **13 Nov/nov 2001** US
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ARRAY-BASED PHOTOACOUSTIC SPECTROSCOPY
- SPECTROSCOPIE PHOTO-ACOUSTIQUE EFFECTUEE AVEC UN RESEAU
- (71) **BATTELLE MEMORIAL INSTITUTE** [US/US]; 902 Battelle Boulevard, P.O. Box 999, Richland, WA 99352 (US).
- (72) **AUTREY, Thomas, S.**; 1222 Broadview drive, West Richland, WA 99353 (US). **POSAKONY, Gerald, J.**; 1944 Pine, Richland, WA 99352 (US). **YU, Chen**; 12474 Darkwood Road, San Diego, CA 92129 (US).
- (74) **CALDWELL, Lisa, M.**; Klarquist Sparkman, LLP, One World Trade Center, Suite 1600, 121 SW Salmon Street, Portland, OR 97204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM
- HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G01N 21/64
- (11) **WO 03/042671** (13) A1
- (21) PCT/DE02/04145
- (22) **8 Nov/nov 2002 (08.11.2002)**
- (25) de (26) de
- (30) 101 55 142.8 **12 Nov/nov 2001** DE
(12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DARK FIELD IMAGING DEVICE FOR THE SPATIALLY-RESOLVED DARK FIELD IMAGING OF A SAMPLE AND EXAMINATION METHOD
- SYSTEME D'IMAGERIE EN FOND NOIR DESTINE A L'IMAGERIE EN FOND NOIR A RESOLUTION SPATIALE D'UN ECHANTILLON ET METHODE D'EXAMEN
- (71) **FRIZ BIOCHEM GMBH** [DE/DE]; Staffelseestrasse 6, 81477 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LOSSAU, Harald** [DE/DE]; Preysingstrasse 20, 81667 München (DE). **MUSEWALD, Christian** [DE/DE]; Geiseltasteigstrasse 96, 81545 München (DE).
- (74) **ZEUNER, Stefan**; Johann-Sebastian-Bach-Strasse 5, 80637 München (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
- (u) for / pour US only / seulement
-
- (51)⁷ G01N 21/90
- (11) **WO 03/042672** (13) A1
- (21) PCT/NL02/00749
- (22) **18 Nov/nov 2002 (18.11.2002)**
- (25) nl (26) en
- (30) 1019382 **16 Nov/nov 2001** NL
(16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND APPARATUS FOR PERFORMING MEASUREMENTS ON PACKAGING FOR A FLUID PRODUCT
- PROCEDE ET APPAREIL PERMETTANT D'EFFECTUER DES MESURES SUR DES EMBALLAGES D'UN PRODUIT LIQUIDE
- (71) **HEINEKEN TECHNICAL SERVICES B.V.** [NL/NL]; Tweede Weteringplantsoen 21, NL-1017 ZD Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AKKERMAN, Jensen, Peter** [NL/NL]; Nieuwe Kerklaan 6, NL-1271 BV Huizen (NL). **VAN DER MEER, Dan** [NL/NL]; Oostblok 213, NL-2612 KP Delft (NL). **DE WIT, Jilles** [NL/NL]; Korvezeestraat 631, NL-2628 CV Delft (NL). **ENDTZ, Frederik, Nico** [NL/NL]; Berglustlaan 85, NL-3054 BE Rotterdam (NL). **VAN DE STADT, Arend** [NL/NL]; Naarderstraat 306, NL-1272 NT Huizen (NL). **LANDMAN, Bernadus, Cornelis, Johannes** [NL/NL]; Noordeinde 373, NL-2771 WR Boskoop (NL).
- (74) **LAND, Addick, Adrianus, Gosling**; Sweelinkplein 1, NL-2517 GK 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 TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 21/90, G06T 7/00, 5/50
(11) WO 03/042673 (13) A1
(21) PCT/NL02/00750
(22) 18 Nov/nov 2002 (18.11.2002)
(25) nl (26) en
(30) 1019381 16 Nov/nov 2001 NL
(16.11.2001)
(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS FOR
GENERATING A ROBUST REFER-
ENCE IMAGE OF A CONTAINER AND
FOR SELECTING OF A CONTAINER
• PROCEDE ET DISPOSITIF SERVANT A
SELECTIONNER UN RECIPIENT

(71) HEINEKEN TECHNICAL SERVICES
B.V. [NL/NL]; Tweede Weteringplantsoen
21, NL-1017 ZD Amsterdam (NL).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) VAN DER MEER, Dan [NL/NL];
Oostblok 213, NL-2612 KP Delft (NL).
AKKERMAN, Jensen, Peter [NL/NL];
Nieuwe Kerklaan 6, NL-1271 BV Huizen
(NL). VAN DER ZWAAN, Sjoerd [NL/NL];
T.B. Huurmanlaan 2-1, NL-1403 SN Bussum
(NL). VAN DE STADT, Arend [NL/NL];
Naarderstraat 306, NL-1272 NT Huizen (NL).
ENDTZ, Frederik, Nico [NL/NL]; Berglust-
laan 85, NL-3054 BE Rotterdam (NL).
LANDMAN, Bernardus, Cornelis, Jo-
hannes [NL/NL]; Noordeinde 373, NL-2771
WR Boskoop (NL).

(74) LAND, Addick, Adrianus, Gosling; Sweel-
inckplein 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 TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 23/06
(11) WO 03/042674 (13) A1
(21) PCT/US02/33639
(22) 14 Nov/nov 2002 (14.11.2002)
(25) en (26) en
(30) 60/331,295 14 Nov/nov 2001 US
(14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR IDENTIFICATION OF
COTTON CONTAMINANTS WITH
X-RAY MICROTOMOGRAPHIC IM-
AGE ANALYSIS

• PROCEDE POUR IDENTIFIER DES
CONTAMINANTS DU COTON PAR
L'ANALYSE D'IMAGES DE MICRO-
TOMOGRAPHIE AUX RAYONS X

(71) TEXAS TECH UNIVERSITY [US/US];
Texas Tech University Health Sciences Cen-
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(US).

(72) SARI-SARRAF, Hamed; 2623 21 st Street,
Lubbock, TX 79410 (US). HEQUET, Eric,
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(US). PAI, Ajay; 10300 Devonshire Circle,
Apartment # E125, Bloomington, MN 55431
(US).

(74) YANCY, Jennifer, P.; Jones, Tullar &
Cooper, P.C., P.O. Box 2266, Eads Station,
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 TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01N 25/06
(11) WO 03/042675 (13) A1
(21) PCT/EP02/12974
(22) 14 Nov/nov 2002 (14.11.2002)
(25) en (26) en
(30) 60/332,601 16 Nov/nov 2001 US
(16.11.2001)
(43) 22 May/mai 2003 (22.05.2003)

(54) • REAL-TIME METHOD FOR THE DE-
TECTION AND CHARACTERIZATION
OF SCALE

• PROCEDE TEMPS REEL DESTINE A
LA DETECTION ET A LA CARACTE-
RISATION DE DEPOT DE TARTRE

(71) SERVICES PETROLIERS SCHLUM-
BERGER [FR/FR]; 42, rue Saint Dominique,
F-75007 Paris (FR).
(only for / seulement pour FR)

(71) SCHLUMBERGER TECHNOLOGY
B.V. [NL/NL]; Parkstraat 83-89, NL-2514 JG
The Hague (NL).
*(for all designated States except / pour tous
les États désignés sauf BF BJ BR CA CF CG
CI CM CN CZ FR GA GB GN GQ GW IN JP
LT MA ML MR NE NL OM SD SN TD TG TN
TR TT US VN)*

(71) SCHLUMBERGER HOLDINGS LIM-
ITED [—/—]; P.O. Box 71, Craigmuir
Chambers, Road Town, Tortola (VG).
(only for / seulement pour GB JP NL)

(71) SCHLUMBERGER CANADA LIMITED
[CA/CA]; 24th Floor, Monenco Place, 801
6th Avenue, SW, Calgary, Alberta T2P 3W2
(CA).

(only for / seulement pour CA)

(71) PETROLEUM RESEARCH & DEVEL-
OPMENT N.V. [NL/NL]; De Ruyterkade 62,
Willemstad, Curacao (AN).

*(only for / seulement pour BF BJ CF CG CI
CM CZ GA GN GQ GW IN LT MA ML MR
NE SN TD TG TN VN)*

(71) SCHLUMBERGER OVERSEAS S.A.
[PA/PA]; 8 Calle Aquilino de la Guardia,
Panama City (PA).

(only for / seulement pour CN)

(71) SCHLUMBERGER OILFIELD AS-
SISTANCE LIMITED [PA/PA]; 8 Calle
Aquilino de la Guardia, Panama City (PA).

(only for / seulement pour OM SD TR)

(71) SCHLUMBERGER SURENCO S.A.
[PA/PA]; 8 Calle Aquilino de la Guardia,
Panama City (PA).

(only for / seulement pour BR)

(71) SCHLUMBERGER SERVICES LIM-
ITED [—/—]; P.O. Box 438, Tortola (VG).
(only for / seulement pour TT)

(72, 75) SEGERAL, Gérard [FR/FR]; 56, av-
enue Centrale, F-91190 Gif sur Yvette (FR).
TOSKEY, Eric [US/RU]; c/o Schlum-
berger Atrium, 9 Taganskaya Street, Moscow
109004 (RU). POYET, Jean-Pierre [FR/FR];
c/o Geoservices, 7, rue Isaac Newton, ZI du
Coudray, F-93150 Le Blanc-Mesnil (FR).

(74) HYDEN, Martin; Etudes & Productions
Schlumberger, 1, rue Henri Becquerel, B.P.
202, F-92142 Clamart 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 TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01N 27/00
(11) WO 03/042676 (13) A2
(21) PCT/US02/35004
(22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 09/919,171 15 Nov/nov 2001 US
(15.11.2001)
(43) 22 May/mai 2003 (22.05.2003)

(54) • STABLE GLOW DISCHARGE DETEC-
TOR
• DETECTEUR DE DECHARGE LUMI-
NESCENTE STABLE

(71) THE REGENT OF THE UNIVERSITY
OF CALIFORNIA [US/US]; 1111 Franklin
Street, Oakland, CA 94607-5200 (US).

(72) KOO, Jackson, C.; 9546 Thunderbird Drive,
San Ramon, CA 94583-3616 (US). YU, Con-
rad, M.; 4504 Doe Way, Antioch, CA 94509
(US).

(74) THOMPSON, Alan, H.; P.O. Box 808,
L-703, Livermore, CA 94551 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01N 27/02, C10G 32/00, G01F 1/64
 (11) WO 03/042677 (13) A1
 (21) PCT/US02/36685
 (22) 13 Nov/nov 2002 (13.11.2002)
 (25) en (26) en
 (30) 60/332,990 13 Nov/nov 2001 US (13.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND APPARATUS FOR CONTROLLABLY EFFECTING SAMPLES USING TWO SIGNALS
 • PROCEDE ET APPAREIL PERMETTANT D'ALTERER, DE MANIERE COMMANDEE, DES ECHANTILLONS AU MOYEN DE DEUX SIGNAUX
- (71) CALIPER TECHNOLOGIES CORP. [US/US]; 605 Fairchild Drive, Mountain View, CA 94043 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BROOKS, Carlton, F. [US/US]; 842 Coleman Avenue, Apt. #10, Menlo Park, CA 94025 (US). JENSEN, Morten, Juel [DK/US]; 1424 Polk Street, #52, San Francisco, CA 94109 (US). STERN, Seth [US/US]; 1534 Ernestine, Mountain View, CA 94040 (US).
- (74) QUINE, Jonathan, Alan et al. / etc.; Quine Intellectual Property Law Group, P.C., P.O. Box 458, Alameda, CA 94501 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (30) 2002/295794 9 Oct/oct 2002 JP (09.10.2002)
 (30) 2002/295795 9 Oct/oct 2002 JP (09.10.2002)
 (43) 22 May/mai 2003 (22.05.2003)
- (54) • GAS SENSOR
 • CAPTEUR DE GAZ
- (71) RIKEN KEIKI CO., LTD. [JP/JP]; 7-6, Azusawa 2-chome, Itabashi-ku, Tokyo 174-0051 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OTANI, Seiichi [JP/JP]; c/o Riken Keiki Co., Ltd., 7-6, Azusawa 2-chome, Itabashi-ku, Tokyo 174-0051 (JP). NAKAMURA, Yukio [JP/JP]; c/o Riken Keiki Co., Ltd., 7-6, Azusawa 2-chome, Itabashi-ku, Tokyo 174-0051 (JP). FURUSATO, Mamoru [JP/JP]; c/o Riken Keiki Co., Ltd., 7-6, Azusawa 2-chome, Itabashi-ku, Tokyo 174-0051 (JP).
- (74) KIMURA, Katsuhiko et al. / etc.; Nishiki Patent Office, 3F, 11-Sankyo Bldg., 1-2, Koishikawa 2-chome, Bunkyo-ku, Tokyo 112-0002 (JP).
- (81) AU BR CA CN IL IN IS JP KR NO SG US ZA.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ G01N 27/327
 (11) WO 03/042679 (13) A1
 (21) PCT/JP02/11808
 (22) 12 Nov/nov 2002 (12.11.2002)
 (25) ja (26) ja
 (30) 2001-349069 14 Nov/nov 2001 JP (14.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
- (54) • BIOSENSOR
 • BIOCAPTEUR
- (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) HASEGAWA, Miwa [JP/JP]; 1-1-46-201, Nijocho, Nara-shi, Nara 630-8002 (JP). YAMAMOTO, Tomohiro [JP/JP]; 45-1-209, Sakuragaoka-cho, Hirakata-shi, Osaka 573-0018 (JP). IKEDA, Shin [JP/JP]; 2-5-16-205, Fujigao, Katano-shi, Osaka 576-0022 (JP). YOSHIOKA, Toshihiko [JP/JP]; 15-15-307, Takatsukacho, Hirakata-shi, Osaka 573-0035 (JP).
- (74) ISHII, Kazuo et al. / etc.; Kitahama-Yamamoto Building, 3-6, Kitahama 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01N 27/327
 (11) WO 03/042681 (13) A1
 (21) PCT/JP02/11819
 (22) 13 Nov/nov 2002 (13.11.2002)
 (25) ja (26) ja
 (30) 2001-349066 14 Nov/nov 2001 JP (14.11.2001)
 (30) 2002-180363 20 Jun/juin 2002 JP (20.06.2002)
 (43) 22 May/mai 2003 (22.05.2003)
- (54) • GAS SENSOR, AND PRODUCTION METHOD FOR GAS SENSOR
 • CAPTEUR DE GAZ ET PROCEDE DE FABRICATION D'UN CAPTEUR DE GAZ
-
- (51)⁷ G01N 27/16
 (11) WO 03/042678 (13) A1
 (21) PCT/JP02/11875
 (22) 14 Nov/nov 2002 (14.11.2002)
 (25) ja (26) ja
 (30) 2001/350021 15 Nov/nov 2001 JP (15.11.2001)

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). MATSUSHITA REFRIGERATION COMPANY [JP/JP]; 3-1-2, Nojihigashi 2-chome, Kusatsu-shi, Shiga 525-8555 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HATTORI, Akiyoshi [JP/JP]; 15-10, Kinmeidai-nishi, Yawata-shi, Kyoto 614-8297 (JP). MACHII, Nobuyuki [JP/JP]; Famiru-Ai 307, 4267, Akaho, Komagane-shi, Nagano 399-4117 (JP). HORI, Yoshihiro [JP/JP]; 1-5, Hikarigaoka 3-chome, Ikoma-shi, Nara 630-0141 (JP). WAKITA, Katsuya [JP/JP]; 12-2-305, Mimitsu 2-chome, Nara-shi, Nara 631-0074 (JP). SASABE, Shigeru [JP/JP]; Ribah-ju Seta 106, 20-35, Ogaya 7-chome, Otsu-shi, Shiga 520-2144 (JP). AKEYAMA, Yukako [JP/JP]; 2-21-3, Kitayamato, Ikoma-shi, Nara 630-0121 (JP). WADA, Tomoko [JP/JP]; 4-18, Chofu-minamicho, Shimonoseki-shi, Yamaguchi 752-0976 (JP).

(74) MATSUDA, Masamichi; Shin-osaka Ikushima Bldg., 1-3, Miyahara 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0003 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ G01N 27/38, 27/416, 33/00

(11) WO 03/042682 (13) A1

(21) PCT/EP02/12740

(22) 14 Nov/nov 2002 (14.11.2002)

(25) de (26) de

(30) 101 55 886.4 14 Nov/nov 2001 DE (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MEASURING, CLEANING AND/OR CALIBRATION DEVICE FOR ELECTRODES FOR THE MEASUREMENT OF PH VALUES OR REDOX POTENTIALS WHICH MAY BE AUTOMATED AND A METHOD FOR OPERATING SUCH A DEVICE

• SYSTEME AUTOMATISABLE DE MESURE, DE NETTOYAGE ET/OU D'ETALONNAGE POUR ELECTRODES DE MESURE DE PH OU DE POTENTIELS REDOX ET PROCEDE POUR FAIRE FONCTIONNER UN TEL SYSTEME

(71) ENDRESS + HAUSER CONDUCTA GESELLSCHAFT FÜR MESS- UND REGELTECHNIK MBH + CO. KG [DE/DE]; Dieselsstrasse 24, 70839 Gerlingen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUNZERT, Michael [DE/DE]; Christian-Leichtle-Strasse 16, 74388 Talheim (DE). GÖTZ, Berthold [DE/DE]; Hintere Strasse 10, 71254 Ditzingen (DE). WITTMER, Detlev [DE/DE]; Distelweg 34, 75433 Maulbronn (DE).

(74) SCHÄFER, Wolfgang; Dreiss, Fuhleendorf, Steimle & Becker, Postfach 10 37 62, 70032 Stuttgart (DE).

(81) CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G01N 27/414

(11) WO 03/042683 (13) A1

(21) PCT/JP02/11752

(22) 11 Nov/nov 2002 (11.11.2002)

(25) ja (26) ja

(30) 2001-351657 16 Nov/nov 2001 JP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FET TYPE SENSOR, ION DENSITY DETECTING METHOD COMPRISING THIS SENSOR, AND BASE SEQUENCE DETECTING METHOD

• DETECTEUR DU TYPE A TEC, PROCEDE DE DETECTION DE DENSITE IONIQUE COMPRENANT CE DETECTEUR ET PROCEDE DE DETECTION DE SEQUENCE DE BASE

(71) BIO-X INC. [JP/JP]; Kyoto Research Park Bldg. 1, 134, Minami-machi, Chudoji, Shimogyo-ku, Kyoto-shi, Kyoto 600-8813 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) SAWADA, Kazuaki [JP/JP]; (1-304), 1-3, Aza Uehara, Ogasaki-cho, Toyohashi-shi, Aichi 441-8066 (JP).

(72, 75) UCHIYAMA, Masakatsu [JP/JP]; 29-5, Katsura Hitsujiaru-cho, Nishikyo-ku, Kyoto-shi, Kyoto 615-8084 (JP).

(74) TAKEISHI, Yasuhiko et al. / etc.; Minori Patent Agency, Chiyoda Seimei Kyoto Oike Bldg. 8F, 200, Takamiya-cho, Oike-dori, Takakura Nishi-iru, Nakagyo-ku, Kyoto-shi, Kyoto 604-0835 (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ G01N 27/447, B05B 7/04

(11) WO 03/042684 (13) A1

(21) PCT/NO02/00411

(22) 8 Nov/nov 2002 (08.11.2002)

(25) no (26) en

(30) 20015470 8 Nov/nov 2001 NO (08.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CAPILLARY ELECTROPHORESIS MASS SPECTROMETRY INTERFACE

• INTERFACE ELECTROPHORESE CAPILLAIRE-SPECTROMETRIE DE MASSE

(71) MEDINNOVA SF [NO/NO]; Rikshospitalet, Sognsveien 20, N-0027 Oslo (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ELGSTØEN, Katja, B., Presto [NO/NO]; Vennersborgveien 2B, N-0281 Oslo (NO). NYBØ, Daniel [NO/NO]; Øvre Grindavei 2, N-2070 Råholt (NO).

(74) PROTECTOR INTELLECTUAL PROPERTY CONSULTANTS AS; P.O. Box 5074 Majorstuen, N-0301 Oslo (NO).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G01N 29/12, 29/14

(11) WO 03/042685 (13) A1

(21) PCT/US02/36190

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 10/005,479 12 Nov/nov 2001 US (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ULTRASONIC SENSOR HAVING ENHANCED DYNAMIC RANGE

• CAPTEUR ULTRASONORE A PLAGE DYNAMIQUE AMELIOREE

(71) U-E SYSTEMS, INC. [US/US]; 14 Hayes Street, Elmsford, NY 10523-2536 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOODMAN, Mark, A. [US/US]; 21 Lakeview Avenue West, Cortlandt Manor, NY 10567 (US). BISHOP, William [US/US]; 57 Clark Street, Pleasantville, NY 10570 (US).

(74) COLLINS, Alphonso, A. et al. / etc.; Darby & Darby P.C., Post Office Box 5257, New York, NY 10150-5257 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01N 29/24

(11) WO 03/042686 (13) A1

(21) PCT/JP02/11868

(22) 14 Nov/nov 2002 (14.11.2002)

(25) ja (26) ja

(30) 2001-348282 14 Nov/nov 2001 JP
(14.11.2001)

(30) 2002-209784 18 Jul/juili 2002 JP
(18.07.2002)

(30) 2002-265637 11 Sep/sep 2002 JP
(11.09.2002)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • ULTRASONOGRAPH, ULTRASONIC
TRANSDUCER, EXAMINING INSTRU-
MENT, AND ULTRASONOGRAPHING
DEVICE

- ECHOGRAPHE, TRANSDUCTEUR UL-
TRASONS, INSTRUMENT D'EXAMEN
ET DISPOSITIF D'ULTRASONOGRA-
PHIE

- (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) KARASAWA, Hirokazu [JP/JP]; 19-4,
Makigahara, Asahi-ku, Yokohama-shi,
Kanagawa 241-0836 (JP). NAKAMOTO,
Masayuki [JP/JP]; 2-2, Matsuura 2-chome,
Chigasaki-shi, Kanagawa 253-0000 (JP).
OCHIAI, Makoto [JP/JP]; 7-3704, Shio-
midai 3-chome, Isogo-ku, Yokohama-shi,
Kanagawa 235-0022 (JP). FUKUDA, Kat-
suyoshi [JP/JP]; 51-15, Kamoi 2-chome,
Yokosuka-shi, Kanagawa 239-0813 (JP).
HIRASAWA, Taiji [JP/JP]; 4600-22, Tot-
suka-cho, Totsuka-ku, Yokohama-shi, Kana-
gawa 244-0003 (JP). IKEDA, Takahiro
[JP/JP]; 3-1412, 6-2, Sakamoto-cho 1-chome,
Yokosuka-shi, Kanagawa 238-0043 (JP).

- (74) SUYAMA, Saichi; Kanda Higashiyama
Bldg., 1, Kandata-cho 2-chome, Chiyoda-ku,
Tokyo 101-0046 (JP).

(81) CN KR US.

- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G01N 29/24

(11) WO 03/042687 (13) A1

(21) PCT/KR02/02126

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 2001/70930 15 Nov/nov 2001 KR
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • ULTRASONIC PROBE

- SONDE ULTRASONORE

- (71) IBULE PHOTONICS INC. [KR/KR];
#1236-10, Jeongwang-dong, 429-450 Sihe-
ung-si, Kyungki-do (KR). IBULE HUMAN-
SCAN CO., LTD. [KR/KR]; 302, Siwha
APT Factory, Siwha Ind. Estate 5RA 301
#672, Sunggok-dong, 425-110 Ansan-si,
Kyunggi-do (KR).

(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) LEE, Sang-Goo [KR/KR]; Jugong 5-cha
Apt. 508-305, #1844, Jeongwang-dong,
429-450 Siheung-si, Kyungki-do (KR).
RHIM, Sung Min [KR/KR]; Shindonga
Apt. 210-701, Jeongwang-dong, 429-450
Siheung-si, Kyungki-do (KR). JUNG, Ho
[KR/KR]; #1561-5, Bongcheon-4-dong,
Kwanak-gu, 151-841 Seoul (KR). KIM,
Sea-Hoon [KR/KR]; Samikgarden Apt.
10-10, Myungil-1-dong, Kangdong-gu,
134-780 Seoul (KR).

- (74) JANG, Seongku et al. / etc.; 17th Fl., KEC
Building, #275-7, Yangjae-dong, Seocho-ku,
137-130 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 OM PH PL PT RO RU
SC SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01N 33/24

(11) WO 03/042688 (13) A2

(21) PCT/FR02/03863

(22) 12 Nov/nov 2002 (12.11.2002)

(25) fr (26) fr

(30) 01/14632 13 Nov/nov 2001 FR
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • METHOD FOR DETERMINING HY-
DRAULIC PERMEABILITY OF A MA-
TERIAL

- PROCEDE DE DETERMINATION DE
LA PERMEABILITE HYDRAULIQUE
D'UN MATERIAU

- (71) LABORATOIRE CENTRAL DES
PONTS ET CHAUSSEES [FR/FR]; 58,
boulevard Lefebvre, F-75015 Paris
(FR). CENTRE NATIONAL DE LA
RECHERCHE SCIENTIFIQUE (CNRS)
[FR/FR]; Délégation aux Entreprises, 3, rue
Michel Ange, F-75016 Paris (FR).

(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) BEDDIAR, Karim [FR/FR]; 900,
avenue Pierre Mendès France, F-77176
Savigny-le-Temple (FR). DUPAS, André
[FR/FR]; 107, avenue de L'Epi d'Or, F-91400
Orsay (FR). BERTHAUD, Yves [FR/FR];
27, rue Marechal Bussieres, F-77340 Pon-
tault-Combault (FR).

- (74) DRONNE, Guy et al. / etc.; Cabinet Beau de
Loménie, 158, rue de l'Université, F-75340
Paris Cédex 07 (FR).

- (81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL PT
RO RU SC SD SE SG SI SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/48

(11) WO 03/042689 (13) A1

(21) PCT/US02/36109

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 10/007,598 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • METHOD FOR REDUCING NOISE IN
ANALYTICAL ASSAYS

- PROCEDE DE REDUCTION DE BRUIT
DANS DES TESTS ANALYTIQUES

- (71) RUSH-PRESBYTERIAN-ST. LUKE'S
MEDICAL CENTER [US/US]; 1700 West
Van Buren Street, Suite 470, Chicago, IL
60612 (US).

- (72) FATHALLAH-SHAYKH, Hassan, M.;
5020 South Lake Shore Drive, Apartment
3501, Chicago, IL 60615 (US).

- (74) SHEKLETON, Gerald, T. 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 EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01N 33/483

(11) WO 03/042690 (13) A2

(21) PCT/US02/36448

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

- (30) 10/002,624 **13 Nov/nov 2001** US
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PHOTOACOUSTIC SPECTROSCOPY SAMPLE ARRAY VESSEL AND PHOTOACOUSTIC SPECTROSCOPY METHOD FOR USING THE SAME
• RECIPIENT DE JEU ORDONNE D'ÉCHANTILLONS POUR SPECTROSCOPIE PHOTOACOUSTIQUE ET PROCEDE DE SPECTROSCOPIE PHOTOACOUSTIQUE DANS LEQUEL IL EST UTILISE
- (71) **BATTELLE MEMORIAL INSTITUTE** [US/US]; 902 Battelle Boulevard, P.O. Box 999, Richland, WA 99352 (US). **HARVARD BIOSCIENCE, INC.** [US/US]; 84 October Hill Road, Holliston, MA 01746-1371 (US).
- (72) **AMONETTE, James, E.**; 1939 Marshall Avenue, Richland, WA 99352 (US). **AUTREY, Thomas, S.**; 1222 Broadview Drive, West Richland, WA 99353 (US). **FOSTER-MILLS, Nancy, S.**; 1537 Adair Drive, Richland, WA 99352 (US). **GREEN, David**; 119 Farm Street, Dover, MA 02030 (US).
- (74) **CALDWELL, Lisa, M.**; Klarquist Sparkman, LLP, One World Trade Center, Suite 1600, 121 SW Salmon Street, Portland, OR 97204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 33/47**
- (11) **WO 03/042691** (13) A1
- (21) PCT/GB02/03739
- (22) **13 Aug/août 2002 (13.08.2002)**
- (25) en (26) en
- (30) 0127322.6 **14 Nov/nov 2001** GB
(14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SENSOR DISPENSING DEVICE
• DISPOSITIF DE DISTRIBUTION DE CAPTEURS
- (71) **HYPOGUARD LIMITED** [GB/GB]; Dock Lane, Melton, Woodbridge, Suffolk IP12 1PE (GB).
- (72) **MAY, Stuart, Richard**; 15 Chantry Road, Chessington, Surrey KT9 1JR (GB). **BRICKWOOD, David**; 15 Third Avenue, London W3 7RT (GB). **MAISEY, Graeme, Antony**; 15 Chantry Road, Chessington, Surrey KT9 1JR (GB).
- (74) **GEMMELL, Peter, Alan et al.** / etc.; Dummett Copp, 25 The Square, Martlesham Heath, Ipswich IP5 3SL (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G01N 33/49, B01L 11/00, A61B 5/00**
- (11) **WO 03/042692** (13) A1
- (21) PCT/SE02/02061
- (22) **12 Nov/nov 2002 (12.11.2002)**
- (25) sv (26) en
- (30) 0103763-9 **12 Nov/nov 2001** SE
(12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DEVICE FOR MEASURING COMPOUNDS IN BODY LIQUIDS
• DISPOSITIF POUR MESURER DES COMPOSES DANS DES FLUIDES CORPORELS
- (71, 72) **ANDERSSON, Gerhard** [SE/SE]; Ramnavägen 57, S-504 39 Borås (SE). **BRINK, Eva** [SE/SE]; Ramnavägen 57, S-504 39 Borås (SE).
- (74) **STRÖM & GULLIKSSON IP AB**; Sjöporten 4, S-417 64 Göteborg (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G01N 33/50, C12Q 1/66, C12N 15/62**
- (11) **WO 03/042693** (13) A2
- (21) PCT/GB02/05120
- (22) **13 Nov/nov 2002 (13.11.2002)**
- (25) en (26) en
- (30) 0127292.1 **14 Nov/nov 2001** GB
(14.11.2001)
- (30) 0205201.7 **6 Mar/mar 2002** GB
(06.03.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SIGNAL SYSTEM AND ELEMENTS USED THEREIN
• SYSTEME DE SIGNAL ET ELEMENTS UTILISES
- (71) **THE SECRETARY OF STATE FOR DEFENCE** [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAY, John, Cavendish** [GB/GB]; CEH Oxford, Mansfield Road, Oxford OX1 3SR (GB). **SQUIRREL, David, James** [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB). **BAILEY, Mark, John** [GB/GB]; CEH Oxford, Mansfield Road, Oxford OX1 3SR (GB). **WHITE, Peter, John** [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB).
- (74) **GREAVES, Carol, Pauline**; Greaves Brewster, Indigo House, Cheddar Business Park, Wedmore Road, Cheddar, Somerset BS27 3EB (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G01N 33/50**
- (11) **WO 03/042694** (13) A2
- (21) PCT/US02/36519
- (22) **12 Nov/nov 2002 (12.11.2002)**
- (25) en (26) en
- (30) 60/336,895 **12 Nov/nov 2001** US
(12.11.2001)
- (30) 60/352,473 **28 Jan/jan 2002** US
(28.01.2002)
- (30) 60/361,661 **4 Mar/mar 2002** US
(04.03.2002)
- (30) 60/412,754 **23 Sep/sep 2002** US
(23.09.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CHARACTERIZATION OF MOLECULES
• CARACTERISATION DE MOLECULES
- (71) **ANALIZA, INC.** [US/US]; 408 Glen Park Drive, Bay Village, OH 44140 (US).
- (72) **CHAIT, Arnon**; 408 Glen Park Drive, Bay Village, OH 44140 (US). **ZASLAVSKY, Boris, Y.**; 34200 Country View Lane, Solon, OH 44140 (US).
- (74) **OYER, Timothy, 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 TN TR TT TZ UA UG UZ VC VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/52, 33/58, 15/14, 33/533

(11) WO 03/042695 (13) A1

(21) PCT/US02/34195

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 09/990,678 14 Nov/nov 2001 US
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ANALYTE DETECTION SYSTEM

• SYSTEME DE DETECTION DE SUB-
STANCES A ANALYSER

(71) BECKMAN COULTER, INC. [US/US];
4300 N. Harbor Blvd., Box 3100, Fullerton,
CA 92834 (US).

(72) BELL, Michael, L.; 2931 Hickory Place,
Fullerton, CA 92834 (US). LIN, Yuan; 214
N. Goldenrod Dr., Walnut, CA 91789 (US).
MICHAEL, Josephine, M.; 348 Laven-
der Avenue, Placentia, CA 92870 (US).
PENTONEY, Stephen, L., Jr.; 1979 Paseo
Grande, Chino Hills, CA 91709 (US). TSAY,
Tsong-Tseh; 9F-4, 86 University Rd., Hsin
Chu (TW).

(74) MAY, William, H. et al. / etc.; Beckman
Coulter, Inc., 4300 N. Harbor Blvd., Box
3100, Fullerton, CA 92834 (US).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ G01N 33/53, 33/566, 33/537, 33/543

(11) WO 03/042696 (13) A1

(21) PCT/US02/36703

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 09/992,533 14 Nov/nov 2001 US
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • RAPID PRION-DETECTION DEVICE,
SYSTEM, AND TEST KIT

• DISPOSITIF DE DETECTION RAPIDE
DU PRION ET KIT D'ESSAI

(71) PRION DEVELOPMENTAL LABO-
RATORIES, INC. [US/US]; 900 Ashbury
Drive, Buffalo Grove, IL 60089 (US).

(72) HAJIZADEH, Kiamars; 1421 Johnson
Drive, #1421, Buffalo Grove, IL 60089 (US).
MURTAZA, Zakir, S.; 4237 North Bloom-
ington Avenue, #204, Arlington Heights, IL
60004 (US).

(74) MORNEAULT, Monique, A. et al. / etc.;
Wallenstein & Wagner, Ltd., Suite 5300, 311
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 SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01N 33/53, 33/543

(11) WO 03/042697 (13) A1

(21) PCT/US02/36838

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/336,461 14 Nov/nov 2001 US
(14.11.2001)

(30) 60/357,275 15 Feb/fév 2002 US
(15.02.2002)

(30) 60/362,858 7 Mar/mar 2002 US
(07.03.2002)

(30) 60/376,813 29 Apr/avr 2002 US
(29.04.2002)

(30) 60/379,336 9 May/mai 2002 US
(09.05.2002)

(30) 60/382,309 20 May/mai 2002 US
(20.05.2002)

(30) 60/393,635 3 Jul/juil 2002 US
(03.07.2002)

(30) 60/400,218 31 Jul/juil 2002 US
(31.07.2002)

(30) 60/400,652 2 Aug/août 2002 US
(02.08.2002)

(30) 60/400,630 2 Aug/août 2002 US
(02.08.2002)

(30) 60/405,314 21 Aug/août 2002 US
(21.08.2002)

(30) 60/409,296 6 Sep/sep 2002 US
(06.09.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • BIOCHEMICAL ANALYSIS SYSTEM
WITH COMBINATORIAL CHEMISTRY
APPLICATIONS

• SYSTEME D'ANALYSE BIOCHI-
MIQUE A APPLICATIONS DE CHI-
MIQUE COMBINATOIRE

(71) GENOSPECTRA, INC. [US/US]; 6519
Dumbarton Circle, Fremont, CA 94555 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) CHEN, Shiping [GB/US]; 45084
Cougar Circle, Fremont, CA 94539 (US).
LUO, Yuling [US/US]; 20910 Sherman
Drive, Castro Valley, CA 94552 (US). CHEN,
Anthony, C. [US/US]; 1063 Morris Avenue,
Apt. 6307, Sunnyvale, CA 94089 (US).
NIKIFOROV, Theo [US/US]; 37 South 16th
Street, San Jose, CA 95112 (US). XIAO,
Jianming [CN/US]; 348 Dana Street, Fre-
mont, CA 94539 (US). NGUYEN, Quan
[US/US]; 249 Golf Links, Pleasant Hills, CA
94523 (US).

(74) CHEN, Anthony, C.; GenoSpectra, Inc.,
6519 Dumbarton Circle, Fremont, CA 94555
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01N 33/543

(11) WO 03/042698 (13) A1

(21) PCT/US02/34196

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 09/991,001 14 Nov/nov 2001 US
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS FOR
MULTIPLEX FLOW CYTOMETRY
ANALYSIS OF MIXED ANALYTES
FROM BODILY FLUID SAMPLES

• METHODE ET APPAREIL D'ANALYSE
DE LA CYTOMETRIE A FLUX MUL-
TIPLIX DE SUBSTANCES A ANA-
LYSER MELANGEES PROVENANT
D'ECHANTILLONS DE FLUIDES
CORPORELS

(71) BECKMAN COULTER, INC. [US/US];
4300 N. Harbor Blvd., Box 3100, Fullerton,
CA 92834-3100 (US).

(72) BELL, Michael, L.; 2931 Hickory Place,
Fullerton, CA 92835 (US). MC NEAL,
Jack; 172 Cordova Walk, Fullerton, CA
90803 (US).

(74) MAY, William, H. et al. / etc.; Beckman
Coulter, Inc., 4300 N. Harbor Blvd., Box
3100, Fullerton, CA 92834-3100 (US).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G01N 33/543, 33/553, 33/551, 33/554,
33/545, 33/536, 33/537, 33/533, 21/00,
21/76, 33/00, 33/53

(11) WO 03/042699 (13) A1

(21) PCT/US02/35907

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 60/337,768 9 Nov/nov 2001 US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • TAGGED MICROPARTICLE COMPOSI-
TIONS AND METHODS

• COMPOSITIONS DE MICROPARTI-
CULES MARQUEES ET PROCEDES
ASSOCIES

(71) ACLARA BIOSCIENCES INC. [US/US];
1288 Pear Avenue, Mountain View, CA 94043
(US).

(72) DEHLINGER, Peter; 58 Roosevelt Circle,
Palo Alto, CA 94306 (US). SINGH, Sharat;
3420 Royal Meadow Lane, San Jose, CA
95135 (US). KIRAKOSSIAN, Hrair; 4851
Williams Road, San Jose, CA 95129 (US).

(74) **MACEVICZ, Stephen**; Aclara Biosciences, Inc., 1288 Pear Avenue, Mountain View, CA 94043 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01N 33/574

(11) WO 03/042700 (13) A2

(21) PCT/GB02/05166

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 0127344.0 14 Nov/nov 2001 GB (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • BREAST CANCER ASSOCIATED POLYPEPTIDE
• POLYPEPTIDE ASSOCIE AU CANCER DU SEIN

(71) **CHROMA THERAPEUTICS LTD** [GB/GB]; 1 The Quadrangle, Woodstock, Oxon OX20 1LH (GB). **CANCER RESEARCH VENTURES LTD** [GB/GB]; Cambridge House, 6-10 Cambridge Terrace, Regent's Park, London, Greater London NW1 4JL (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COOPER, Colin** [GB/GB]; Institute of Cancer Research, Male Urological Cancer Research Centre, 15 Cotswold Road, Sutton, Surrey SM2 5NG (GB). **CLARK, Jeremy** [GB/GB]; Institute of Cancer Research, Male Urological Cancer Research Centre, 15 Cotswold Road, Sutton, Surrey SM2 5NG (GB).

(74) **SUTCLIFFE, Nicholas, R.** 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/68

(11) WO 03/042701 (13) A2

(21) PCT/CA02/01650

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en

(26) en

(30) 09/992,174 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR DIAGNOSING MULTIPLE SCLEROSIS AND AN ASSAY THEREFORE

• METHODE DE DIAGNOSTIC DE LA SCLEROSE EN PLAQUES ET DOSAGE CORRESPONDANT

(71) **THE HOSPITAL FOR SICK CHILDREN** [CA/CA]; 555 University Avenue, Toronto, Ontario M5G 1X8 (CA).

(72) **MOSCARELLO, Mario, Anthony**; 83 Dunloe Road, Toronto, Ontario M5P 2T7 (CA). **CHAMCZUK, Andrea**; 29 Ashley Park Road, Toronto, Ontario M9A 4C9 (CA).

(74) **SINGLEHURST, John, C.**; Finlayson & Singlehurst, 70 Gloucester Street, Ottawa, Ontario K2P 0A2 (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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ G01N 33/68, G06F 19/00

(11) WO 03/042702 (13) A2

(21) PCT/EP02/12549

(22) 11 Nov/nov 2002 (11.11.2002)

(25) de (26) de

(30) 101 56 245.4 15 Nov/nov 2001 DE (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR THE IDENTIFICATION OF PHARMACOPHORES

• PROCEDE POUR IDENTIFIER DES PHARMACOPHORES

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHUPPERT, Andreas** [DE/DE]; Stockberggasse 46, 51515 Kürten (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G01N 33/68, 33/573

(11) WO 03/042703 (13) A1

(21) PCT/EP02/12699

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 101 55 518.0 13 Nov/nov 2001 DE (13.11.2001)

(30) 09/987,206 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD OF DETECTING APOPTOSIS INDUCTION BY MEASURING THE RELEASE OF SUBSTANCES FROM CELL ORGANELLES BY MEANS OF FLOW CYTOMETRY

• PROCEDE PERMETTANT DE DETECTER L'INDUCTION DE L'APOPTOSE, PAR MESURE DE LA LIBERATION DE SUBSTANCES CONTENUES DANS DES ORGANITES CELLULAIRES AU MOYEN D'UNE CYTOMETRIE EN FLUX

(63) US Not furnished / non communiqué (CIP)
Not furnished / non communiquée

(71, 72) **DEBATIN, Klaus-Michael** [DE/DE]; Safranberg 9, 89075 Ulm (DE). **STAHNKE, Karsten** [DE/DE]; Feuerbachstrasse 7, 89312 Günzburg (DE). **HUG, Hubert** [DE/DE]; Kingkerswellweg 6, 89173 Lonsee (DE).

(74) **SCHÜSSLER, Andrea**; Huber & Schüssler, Truderinger Strasse 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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/92

(11) WO 03/042704 (13) A1

(21) PCT/US02/36645

- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 60/338,214 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ION MOBILITY ANALYSIS OF BIOLOGICAL PARTICLES
- ANALYSE DE MOBILITE IONIQUE DE PARTICULES BIOLOGIQUES
- (71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BENNER, W., Henry [US/US]; 406 Bolero Drive, Danville, CA 94526 (US). KRAUSS, Ronald, M. [US/US]; 74 Keeler Avenue, Berkeley, CA 94708 (US). BLANCHE, Patricia, J. [US/US]; 1 Stonewall Road, Berkeley, CA 94705 (US).
- (74) MILNER, Joseph, Ray; Lawrence Berkeley National Laboratory, One Cyclotron Road, Building 90B-Room 103, University of California, M/S 90B0104, Berkeley, CA 94720-8127 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 35/10, 1/00, B01J 4/02, B01L 3/02
- (11) WO 03/042705 (13) A1
- (21) PCT/JP02/11933
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) ja (26) ja
- (30) 2001-350529 15 Nov/nov 2001 JP (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PARTIALLY FILLING DEVICE MOVABLE TO ORTHOGONAL COORDINATE AND CYLINDRICAL COORDINATE
- DISPOSITIF DE REMPLISSAGE PARTIEL MOBILE SELON DES COORDONNEES ORTHOGONALES ET CYLINDRIQUES
- (71) TOYO BOSEKI KABUSHIKI KAISHA [JP/JP]; 2-8, Dojima Hama 2-chome, Kita-ku, Osaka-shi, Osaka 530-0004 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IKEDA, Katsunori [JP/JP]; c/o Tsuruga Institute of Biotechnology of TOYO BOSEKI KABUSHIKI KAISHA, 10-24, Toyo-cho, Tsuruga-shi, Fukui 914-0047 (JP). NISHIYA, Yoshiaki [JP/JP]; c/o Tsuruga Institute of Biotechnology of TOYO BOSEKI KABUSHIKI KAISHA, 10-24, Toyo-cho, Tsuruga-shi, Fukui 914-0047 (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 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01P 13/02, 15/03
- (11) WO 03/042706 (13) A1
- (21) PCT/FR02/03312
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) fr (26) fr
- (30) 0112868 5 Oct/oct 2001 FR (05.10.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DEVICE FOR MAKING SECURE A MOBILE MEMBER DISPLACEMENT
- DISPOSITIF DE SECURISATION DU DEPLACEMENT D'UN ORGANE MOBILE
- (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) ROBERGE, Philippe [FR/FR]; Thales Intellectual Property, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).
- (74) COLLET, Alain et al. / etc.; Thales Intellectual Property, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
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- (51)⁷ G01R
- (11) WO 03/042707 (13) A2
- (21) PCT/IB02/05799
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) en (26) en
- (30) 10/020,737 29 Oct/oct 2001 US (29.10.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SYSTEM AND METHOD FOR SENSING AND LOCATING DISTURBANCES IN AN ENERGY PATH OF A FOCUSED ULTRASOUND SYSTEM
- SYSTEME ET PROCEDURE DE DETECTION ET DE LOCALISATION DES PERTURBATIONS AFFECTANT UNE TRAJECTOIRE D'ENERGIE D'UN SYSTEME A ULTRASONS FOCALISES
- (71) INSIGHTEC-IMAGE GUIDED TREATMENT LTD. [IL/IL]; P.O. Box 2059, 39 120 Tirat Carmel (IL).
- (72) VITEK, Shuki; Ilanot Street 33a, Haifa (IL). EZION, Avner; 8 Yefe Nof, Haifa (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01R 15/00
- (11) WO 03/042708 (13) A2
- (21) PCT/CH03/00109
- (22) 14 Feb/fév 2003 (14.02.2003)
- (25) de (26) de
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • OPTIC FIBER CURRENT SENSOR, COMPRISING SEVERAL SENSING HEADS
- DETECTEUR DE COURANT A FIBRES OPTIQUES, COMPORTANT PLUSIEURS TETES DE DETECTION
- (71) ABB RESEARCH LTD [CH/CH]; Af-folternstrasse 52, CH-8050 Zürich (CH).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOHNERT, Klaus [DE/CH]; Loonstrasse 36, CH-5452 Oberrohrdorf (CH). GABUS, Philippe [CH/CH]; Sonnmattstrasse 2, CH-5400 Baden (CH). BRÄNDLE, Hubert [CH/CH]; Rebbbergstrasse 60, CH-8102 Oberengstringen (CH).
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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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (f), (g)
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- (51)⁷ G01R 31/28
- (11) WO 03/042709 (13) A1
- (21) PCT/JP02/11837
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) ja (26) ja
- (30) 2001-348040 13 Nov/nov 2001 JP (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • TIMING GENERATOR AND TESTER
- GENERATEUR DE SYNCHRONISATION ET APPAREIL D'ESSAI

- (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) **SUDA, Masakatsu** [JP/JP]; c/o ADVANTEST CORPORATION, 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP). **OKAYASU, Toshiyuki** [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 KR US.
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- (51)⁷ **G01R 31/28, 31/319**
- (11) **WO 03/042710** (13) A2
- (21) PCT/US02/35669
- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) en (26) en
- (30) 10/008,967 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **CLOCK ARCHITECTURE FOR A FREQUENCY-BASED TESTER**
• **ARCHITECTURE D'HORLOGE POUR TESTEUR FREQUENTIEL**
- (71) **TERADYNE, INC.** [US/US]; 321 Harrison Avenue, Boston, MA 02118 (US).
- (72) **REICHERT, Peter, A.**; 2334 Otono Circle, Thousand Oaks, CA 91362 (US). **GAGE, Robert, B.**; 13475 SW Tapadera Street, Beaverton, OR 97008 (US).
- (74) **WALSH, Edmund, J. et al.** / etc.; Teradyne, Inc., 321 Harrison Avenue, Boston, MA 02118 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01R 33/563**
- (11) **WO 03/042711** (13) A1
- (21) PCT/US02/35911
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 60/339,076 12 Nov/nov 2001 US (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **THREE-DIMENSIONAL PHASE CONTRAST MAGNETIC RESONANCE IMAGING USING INTERLEAVED PROJECTION-RECONSTRUCTION DATA**
• **IMAGERIE TRIDIMENSIONNELLE A RESONANCE MAGNETIQUE A**
- CONTRASTE DE PHASE FAISANT INTERVENIR DES DONNEES DE RECONSTRUCTION DE PROJECTION ENTRELACEES
- (71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; 614 Walnut Street, Madison, WI 53705 (US).
- (72) **MISTRETTA, Charles, A.**; 843 Farwell Drive, Madison, WI 53704 (US).
- (74) **SAMMONS, Barry, E.**; Quarles & Brady LLP, 411 E. Wisconsin Avenue, Milwaukee, WI 53202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **G01R 33/563, G06F 19/00**
- (11) **WO 03/042712** (13) A1
- (21) PCT/US02/36355
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 10/011,037 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **BLACK BLOOD ANGIOGRAPHY METHOD AND APPARATUS**
• **PROCEDE ET APPAREIL D'ANGIOGRAPHIE A SANG NOIR**
- (71) **KONINKLIJKE PHILIPS ELECTRONICS NV** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). **PHILIPS MEDICAL SYSTEMS (CLEVELAND) INC.** [US/US]; 595 Miner Road, Cleveland, OH 44143 (US).
- (72) **SURI, Jasjit, S.**; 655 Dewitt Drive, Highland Heights, OH 44143 (US). **LIU, Kecheng**; 32701 S. Roundhead Drive, Solon, OH 44139 (US).
- (74) **LUNDIN, Thomas, M.**; Philips Medical Systems (Cleveland), Inc., 595 Miner Road, Cleveland, OH 44143 (US) et al. / etc.
- (81) JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
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- (51)⁷ **G01S**
- (11) **WO 03/042713** (13) A2
- (21) PCT/US02/35913
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 60/336,542 14 Nov/nov 2001 US (14.11.2001)
- (30) 10/159,831 31 May/mai 2002 US (31.05.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **POSITION LOCATION USING GHOST CANCELING REFERENCE TELEVISION SIGNALS**
• **DETERMINATION DE POSITION AU MOYEN DE SIGNAUX DE TELEVISION DE REFERENCE D'ANNULATION D'IMAGES FANTOMES**
- (71) **ROSUM CORPORATION** [US/US]; 1450 Veterans Blvd., Suite 100, Redwood City, CA 94063 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RABINOWITZ, Matthew** [ZA/US]; 130 Golden Hills Road, Portola Valley, CA 94208 (US). **SPILKER, James, J., Jr.** [US/US]; 85 Roan Place, Woodside, CA 94062 (US).
- (74) **DUNNING, Richard, A., Jr.**; Law Office of Richard A. Dunning, Jr., 343 Soquel Avenue, Suite 311, Santa Cruz, CA 95062 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01S 7/40, 3/02**
- (11) **WO 03/042714** (13) A1
- (21) PCT/US02/26499
- (22) 22 Aug/août 2002 (22.08.2002)
- (25) en (26) en
- (30) 09/992,755 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **FAR FIELD SOURCE EMULATOR FOR ANTENNA CALIBRATION**
• **EMULATEUR DE SOURCE DE CHAMP LOINTAIN POUR ETALONNAGE D'ANTENNE**
- (71) **RAYTHEON COMPANY** [US/US]; Building 807 (M/S F8), P.O. Box 11337, Tucson, AZ 85734-1337 (US).
- (72) **BARKER, Delmar, L.**; P.O. Box 85696, Tucson, AZ 85754 (US). **SCHMITT, Harry, A.**; 8637 E. Dunbar Way, Tucson, AZ 85747 (US). **KNAPP, David, J.**; 2581 W. Drachman, Tucson, AZ 85745 (US). **BRAUNREITER, Dennis, C.**; 13544 Wide View Lane, Oro Valley, AZ 85737 (US). **SAMUEL, Alphonso, A.**; 2931 W. Placita San Pasqual, Tucson, AZ 85745 (US). **SCHULTZ, Steven**; 7813 W. Palladin Road, Tucson, AZ 85743 (US).
- (74) **MURPHY, Cynthia, S.**; Renner, Otto, Boisselle & Sklar, LLP, 1621 Euclid Avenue, Nineteenth Floor, Cleveland, OH 44115 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)⁷ G01T 1/161, C09K 11/06

(11) WO 03/042715 (13) A1

(21) PCT/JP02/07693

(22) 29 Jul/juil 2002 (29.07.2002)

(25) ja (26) ja

(30) 2001-351085 16 Nov/nov 2001 JP
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • POSITRON EMISSION TOMOGRAPHY
DEVICE

• DISPOSITIF DE TOMOGRAPHIE PAR
EMISSION DE POSITRONS

(71) JAPAN SCIENCE AND TECHNOLOGY
CORPORATION [JP/JP]; 4-1-8, Honcho,
Kawaguchi-shi, Saitama 332-0012 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SHIBUYA, Kengo [JP/JP]; MC 401,
3-14-15, Tenjin-cho, Fuchu-shi, Tokyo
183-0053 (JP). KOSHIMIZU, Masanori
[JP/JP]; Matsu 202, 1-28-11, Komaba,
Meguro-ku, Tokyo 153-0041 (JP). ASAI,
Keisuke [JP/JP]; 1-9-12, Meguro, Me-
guro-ku, Tokyo 153-0063 (JP).

(74) SHIMODA, Akira et al. / etc.; 7th Floor,
Okano building, 41-12, Kabukicho 2-chome,
Shinjuku-ku, Tokyo 160-0021 (JP).

(81) CA US.

(51)⁷ G01T 1/24

(11) WO 03/042716 (13) A1

(21) PCT/FR02/03904

(22) 14 Nov/nov 2002 (14.11.2002)

(25) fr (26) fr

(30) 01/14741 14 Nov/nov 2001 FR
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • RADIOLOGICAL IMAGERY METHOD
AND DEVICE

• PROCEDE ET DISPOSITIF D'IMA-
GERIE RADIOLOGIQUE AU MOYEN
D'UN DETECTEUR COMPORTANT
UN ENSEMBLE DE PIXELS

(71) UNIVERSITE PIERRE ET MARIE
CURIE [FR/FR]; 4, place Jussieu, F-75252
Paris Cedex 05 (FR).
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les États désignés sauf US)

(72, 75) BOURGOIN, Jacques [FR/FR]; 68, av-
enue de la Forêt, F-77210 Avon (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 SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01V 1/147, 1/133

(11) WO 03/042717 (13) A1

(21) PCT/AU02/01536

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) PR 8812 12 Nov/nov 2001 AU
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SEISMIC WAVE GENERATOR
• GENERATEUR D'ONDES SISMIQUES

(71) POLY SYSTEMS PTY LIMITED
[AU/AU]; Main Road, George Town, TAS
7253 (AU).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WEBB, Roger, Clyde [AU/AU]; 20 St.
Helens Street, Lindisfarne, TAS 7015 (AU).

(74) HODGKINSON OLD MCINNES; Level 3,
20 Alfred Street, Milsons Point, NSW 2061
(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 SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01V 3/08

(11) WO 03/042718 (13) A1

(21) PCT/US02/09192

(22) 14 Mar/mar 2002 (14.03.2002)

(25) en (26) en

(30) 09/808,976 15 Mar/mar 2001 US
(15.03.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • APPARATUS AND METHOD FOR LO-
CATING SUBSURFACE OBJECTS IN
CONDUCTIVE SOILS BY INDUCTION
MEASUREMENTS

• APPAREIL ET PROCEDE UTILISANT
DES MESURES INDUCTIVES POUR
LOCALISER DES OBJETS SOUTER-
RAINS DANS DES SOLS CONDUCT-
TEURS

(71) WITTEN TECHNOLOGIES INC.
[US/US]; 295 Huntington Avenue, Suite
203, Boston, MA 02115 (US).

(72) HANSEN, Thorkild; 2000 Commonwealth
Avenue, Apt. 1008, Brighton, MA 01135
(US). BIRKEN, Ralf; 80 The Fenway #31,
Boston, MA 02115 (US).

(74) HALL, Eric, B.; Fulbright & Jaworski
L.L.P., 1301 McKinney, Suite 5100, Houston,
TX 77010-3095 (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 TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

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(51)⁷ G01V 3/24, 3/30, E21B 47/12

(11) WO 03/042719 (13) A1

(21) PCT/US02/36293

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/350,590 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A BOREHOLE COMPENSATION SYS-
TEM AND METHOD FOR A RESISTIV-
ITY LOGGING TOOL

• SYSTEME ET PROCEDE DE COMPEN-
SATION DE PUITTS POUR APPAREIL
DE DIAGNOSTIC DE RESISTIVITE

(71) WEATHERFORD/LAMB, INC. [US/US];
515 Post Oak Boulevard, Suite 600, Houston,
TX 77027 (US).

(72) SINCLAIR, Paul; 4708 Shoalwood, Austin,
TX 78756 (US). SPRINGER, Tom; 2324
Westforest Drive, Austin, TX 78704 (US).

(74) PATTERSON, William, B. et al. / etc.;
Moser, Patterson & Sheridan L.L.P., Suite
1500, 3040 Post Oak Boulevard, Houston,
TX 77056 (US).

(81) AU BR CA NO.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G02B

(11) WO 03/042720 (13) A2

(21) PCT/US02/35726

(22) 6 Nov/nov 2002 (06.11.2002)

(25) en (26) en

(30) 10/007,719 9 Nov/nov 2001 US
(09.11.2001)

(30) 10/007,890 9 Nov/nov 2001 US
(09.11.2001)

(30) 10/143,362 9 May/mai 2002 US
(09.05.2002)

- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MULTIDIMENSIONAL OPTICAL GRATING FABRICATION AND APPLICATION
• FABRICATION D'UN RESEAU OPTIQUE MULTIDIMENSIONNEL ET APPLICATION
- (71) FIBERA, INC. [US/US]; 3350 Scott Blvd., Bldg. 56, Santa Clara, CA 95054 (US).
- (72) WANG, David, W.; 18827 Bellgrove Circle, Saratoga, CA 95070 (US). TSAI, John, C.; 15100 El Camino Grande, Saratoga, CA 95070 (US).
- (74) ROBERTS, Raymond, E. et al. / etc.; IPLO Intellectual Property Law Offices, Suite 660, 1901 South Bascom Avenue, Campbell, CA 95008 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02B
- (11) WO 03/042722 (13) A2
- (21) PCT/US02/36430
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/338,079 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ALL-OPTICAL TIMING JITTER MEASUREMENT SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE MESURE DE GIGUE TEMPORELLE TOUT OPTIQUE
- (71) UNIVERSITY OF MARYLAND BALTIMORE COUNTY [US/US]; 1000 Hilltop Circle, Baltimore, MD 21250 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DORRING, Jochen, Karl, Walter [DE/US]; 74 Colony Hill Court, Apt. 2A, Baltimore, MD 21042 (US). CHEN, Yung, Jui [US/US]; 10181 Maxine Street, Ellicott City, MD 21042 (US).
- (74) FLESHNER, Mark, L. et al. / etc.; Fleshner & Kim, LLP, P.O. Box 221200, Chantilly, VA 20153-1200 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02B
- (11) WO 03/042721 (13) A2
- (21) PCT/US02/35926
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 60/337,527 9 Nov/nov 2001 US (09.11.2001)
- (30) 60/337,528 9 Nov/nov 2001 US (09.11.2001)
- (30) 60/337,529 9 Nov/nov 2001 US (09.11.2001)
- (30) 60/338,055 9 Nov/nov 2001 US (09.11.2001)
- (30) 60/338,069 9 Nov/nov 2001 US (09.11.2001)
- (30) 60/338,072 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • TRILAYERED BEAM MEMS DEVICE AND RELATED METHODS
• DISPOSITIF MEMS A FAISCEAU TRI-COUCHE ET PROCEDES ASSOCIES
- (71) COVENTOR, INCORPORATED [US/US]; Suite 200, 4001 Weston Parkway, Cary, NC 27513 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CUNNINGHAM, Shawn, J. [US/US]; 1223 E. Platte Avenue, Colorado Springs, CO 80909 (US). TATIC-LUCIC, Svltana [US/US]; 620 N. Institute, Colorado Springs, CO 80903 (US).
- (74) WILSON, Jeffrey, L.; Jenkins & Wilson, P.A., Suite 1400 University Tower, 3100 Tower Boulevard, Durham, NC 27707 (US).
- (71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM [US/US]; 201 West 7th Street, 7th Floor, Austin, TX 78701 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KÄS, Josef [DE/US]; Universität Leipzig Fakultät für Physik und Geowissenschaften, Linnestr. 5, D-04103 Leipzig (DE). RAIZEN, Mark [US/US]; 2203 Toro Canyon Road, Austin, TX 78746 (US). MILNER, Valery [IL/US]; 180 Irvin Place, Basking Ridge, NJ 07920 (US). BETZ, Timo [DE/US]; Am Mittelhauk 1, D-97638 Mellrichstadt (DE). EHRLICHER, Allen [US/US]; P.O. Box 775913, Steamboat Springs, CO 80477 (US).
- (74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02B 1/04, A61L 27/34
- (11) WO 03/042724 (13) A1
- (21) PCT/EP02/12658
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 01811088.2 13 Nov/nov 2001 EP (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR MODIFYING THE SURFACE OF BIOMEDICAL ARTICLES
• PROCEDE PERMETTANT DE MODIFIER LA SURFACE D'ARTICLES BIOMEDICAUX
- (71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).
(for all designated States except / pour tous les États désignés sauf AT US)
- (71) NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, I-1235 Vienna (AT).
(only for / seulement pour AT)
- (72, 75) CHABRECEK, Peter [SK/CH]; Grenzacherweg 150, CH-4125 Riehen (CH). LEUKEL, Jörg [DE/DE]; Ziegelhofstrasse 156, 79110 Freiburg (DE). BIEDERMANN, Hynek [CH/CZ]; Vilimovska 24, 160 00 Praha 6 (CZ). LOHMANN, Dieter [CH/CH]; Mittelweg 56, CH-4142 Münchenstein (CH).
- (74) GROS, Florent; 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
TN TR TT UA US UZ VC VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP
(AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G02B 5/00, 27/00

(11) WO 03/042725 (13) A2

(21) PCT/US02/29580

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 10/008,467 9 Nov/nov 2001 US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • OPTICAL FILM WITH HIGH CONTRAST

• FILM OPTIQUE A CONTRASTE ELEVE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) GIBBONS, Gordon, W.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
PIEPEL, Andrew, J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) MILLER, William, D. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ G02B 5/04, 27/14, H01J 29/89, G02F 1/1335

(11) WO 03/042726 (13) A1

(21) PCT/IB02/04410

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 01204301.4 12 Nov/nov 2001 EP
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CONTRAST ENHANCEMENT FILTER AND DISPLAY PROVIDED WITH SUCH FILTER

• FILTRE D'AMELIORATION DE CONTRASTE ET SYSTEME D'AFFICHAGE EQUIPE D'UN TEL FILTRE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designations except / pour tous les États désignés sauf US)

(72, 75) VAN GORKOM, Ramon, P. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DEGUELLE, Wilhelmus, H., G.; Internationaal Octroobureau 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G02B 5/18, 3/08

(11) WO 03/042727 (13) A1

(21) PCT/US02/27913

(22) 30 Aug/août 2002 (30.08.2002)

(25) en (26) en

(30) 10/010,879 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FRESNEL-TYPE OPTICAL STRUCTURE

• STRUCTURE OPTIQUE DE TYPE FRESNEL

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) SERVATIUS, James; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
FEHR, Robert, T.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) BUSS, Melissa, E. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility

model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ G02B 5/18, G03F 7/20

(11) WO 03/042728 (13) A2

(21) PCT/US02/35517

(22) 4 Nov/nov 2002 (04.11.2002)

(25) en (26) en

(30) 60/337,752 9 Nov/nov 2001 US
(09.11.2001)

(30) 60/338,362 9 Nov/nov 2001 US
(09.11.2001)

(30) 10/134,026 25 Apr/avr 2002 US
(25.04.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ACHROMATIC FRESNEL OPTICS FOR ULTRAVIOLET AND X-RAY RADIATION

• OPTIQUE DE FRESNEL ACHROMATIQUE UTILISEE DANS L'EMISSION DE RAYONS X ET DE RAYONS ULTRAVIOLETS

(71) XRADIA, INC. [US/US]; 4075A Spring Drive, Cocord, CA 94520 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YUN, Wenbing [US/US]; 2812 Filbert Drive, Walnut Creek, CA 94520 (US).
WANG, Yuxin [US/US]; 2647 N. Greenwood Avenue, Arlington Heights, IL 60004 (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 5/28, 5/20

(11) WO 03/042729 (13) A1

(21) PCT/FR02/03920

(22) 15 Nov/nov 2002 (15.11.2002)

- (25) fr (26) fr
- (30) 01/14856 16 Nov/nov 2001 FR
(16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • TUNABLE OPTICAL FILTER COMPONENT
• COMPOSANT DE FILTRAGE OPTIQUE ACCORDABLE
- (71) ATMEL GRENOBLE S.A. [FR/FR]; Avenue de Rochepleine, F-38120 Saint Egrève (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PAUTET, Christophe [FR/FR]; Thales Intellectual Property, 13, avenue du Prés. Salvador Allende, F-94117 Arcueil cedex (FR).
HUGON, Xavier [FR/FR]; Thales Intellectual Property, 13, avenue du Prés. Salvador Allende, F-94117 Arcueil cedex (FR).
- (74) COLLET, Alain et al. / etc.; Thales Intellectual Property, 13, av. du Prés. Salvador Allende, F-94117 Arcueil 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02B 5/28
- (11) WO 03/042730 (13) A1
- (21) PCT/US02/29898
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) en (26) en
- (30) 60/324,168 21 Sep/sep 2001 US
(21.09.2001)
- (30) 60/344,312 20 Dec/déc 2001 US
(20.12.2001)
- (30) 60/379,888 13 May/mai 2002 US
(13.05.2002)
- (30) 10/228,201 26 Aug/août 2002 US
(26.08.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • POLARIZATION INDEPENDENT THIN FILM OPTICAL INTERFERENCE FILTERS
• FILTRES D'INTERFERENCE OPTIQUES EN FILM MINCE INDEPENDANTS DE LA POLARISATION
- (71) CHAMELEON OPTICS HOLDING, LLC [US/US]; 4055 Pinon Drive, Boulder, CO 80303 (US).
- (72) CORMACK, Robert, H.; 4055 Pinon Drive, Boulder, CO 80303 (US).
- (74) BALES, Jennifer, L. et al. / etc.; Macheledt Bales 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 CZ DE DK 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).
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- (51)⁷ G02B 5/30, G02F 1/1335
- (11) WO 03/042731 (13) A1
- (21) PCT/JP02/11803
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) ja (26) ja
- (30) 2001-346776 12 Nov/nov 2001 JP
(12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR MAKING CIRCULARLY-POLARIZED LIGHT CONTROL OPTICAL DEVICE
• PROCEDE DE FABRICATION D'UN DISPOSITIF OPTIQUE DE COMMANDE DE LUMIERE A POLARISATION CIRCULAIRE
- (71) DAI NIPPON PRINTING CO., LTD. [JP/JP]; 1-1, Ichigaya-kaga-cho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ISHIZAKI, Koji [JP/JP]; c/o Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-kaga-cho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP).
- (74) YOSHITAKE, Kenji et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY CZ DE DK 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).
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- (51)⁷ G02B 5/30, G02F 1/1336
- (11) WO 03/042732 (13) A1
- (21) PCT/JP02/11916
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) ja (26) ja
- (30) 2001-349710 15 Nov/nov 2001 JP
(15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • RETARDATION PLATE, PROCESS FOR PRODUCING THE SAME, AND OPTICAL FILM
• PLAQUE A RETARD OPTIQUE, PROCEDE DE PRODUCTION AFFERENT ET FILM OPTIQUE
- (71) NITTO DENKO CORPORATION [JP/JP]; 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHUTO, Shunsuke [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 (JP).
KAWAMOTO, Ikuo [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 (JP).
MOTOMURA, Hironori [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 (JP).
- (74) SUZUKI, Takao et al. / etc.; 1-20, Nishinakajma 7-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
- (81) CN KR US.
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- (51)⁷ G02B 6/00
- (11) WO 03/042733 (13) A1
- (21) PCT/US02/35855
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 10/010,786 9 Nov/nov 2001 US
(09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MICRO-ELECTRO-MECHANICAL VARIABLE OPTICAL ATTENUATOR
• ATTENUATEUR OPTIQUE VARIABLE MICRO-ELECTROMECHANIQUE
- (63) US 10/010,786 (CON)
9 Nov/nov 2001 (09.11.2001)
- (71) ACTIVE OPTICAL NETWORKS, INC. [US/US]; 4215 Technology Drive, Fremont, CA 94538-6339 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NOVOTNY, Vlad [CA/US]; 16105 Cerro Vista Drive, Los Gatos, CA 95032 (US).
FU, Yee-Chung [CN/US]; 40328 Imperio Place, Fremont, CA 94539 (US).
WANG, Zuo [CN/US]; 3491 Clover Oak Drive, San Jose, CA 95148 (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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02B 6/00
- (11) WO 03/042734 (13) A2
- (21) PCT/US02/36847
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en

- (30) 60/332,370 **15 Nov/nov 2001** US
(15.11.2001)
- (30) 10/116,800 **5 Apr/avr 2002** US
(05.04.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • WAVEGUIDE-BONDED OPTOELECTRONIC DEVICES
• DISPOSITIFS OPTOELECTRONIQUES LIES A UN GUIDE D'ONDES
- (63) US 10/116,800 (CON)
5 Apr/avr 2002 (05.04.2002)
- (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) YAP, Daniel [US/US]; 1824 Sweet Briar Place, Thousand Oaks, CA 91362 (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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ G02B 6/293
- (11) WO 03/042736 (13) A2
- (21) PCT/CA02/01733
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 09/986,828 **13 Nov/nov 2001** US
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PLANAR WAVEGUIDE ECHELLE GRATING DEVICE WITH ASTIGMATIC GRATING FACETS
• DISPOSITIF A RESEAU ECHELLE A GUIDE D'ONDE PLAN COMPRENANT DES FACETTES DE RESEAU ASTIGMATES
- (71) LNL OPTENIA INC. [CA/CA]; 400 March Road, Kanata, Ontario K2K 3H4 (CA).
- (72) PACKIRISAMY, Muthukumar; 1310 Pine Crest Road, #212, Ottawa, Ontario K2C 3N8 (CA). DELAGE, Andre; 126-2111 Ch. Montreal Road, Gloucester, Ontario K1J 8M8 (CA).
- (74) MITCHELL, Richard, J. et al. / etc.; Marks & Clerk, P.O. Box 957, Station B, Ottawa, Ontario K1P 5S7 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G02B 6/02, H01S 3/30
- (11) WO 03/042735 (13) A1
- (21) PCT/IB02/04694
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) en (26) en
- (30) 09/987,397 **14 Nov/nov 2001** US
(14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • OPTIC FIBER STRUCTURE FOR EFFICIENT USE OF OPTICAL PUMP ENERGY IN THREE-LEVEL RARE-EARTH DOPED FIBER LASER
• STRUCTURE A FIBRE OPTIQUE SERVANT A L'UTILISATION EFFICIENTE D'UNE ENERGIE DE POMPAGE OPTIQUE DANS UN LASER A FIBRE A TROIS NIVEAUX DOPE AUX TERRES RARES
- (71) RAYTEQ PHOTONIC SOLUTIONS LTD. [IL/IL]; 7 Oppenheimer St., 76701 Rehovot (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PATLAKH, Anatoly [IL/IL]; 18 Zfat St. #17, 58551 Holon (IL). SOLODOVNIKOV, Vladimir, V. [RU/RU]; 14 Shkoliny Blvd # 244, Noginsky r-n, Moscovskaya obl., 142432 Chernogolovka (RU).
- (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G02B 6/293, 6/124, 6/34
- (11) WO 03/042737 (13) A2
- (21) PCT/CA02/01752
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) 60/331,390 **15 Nov/nov 2001** US
(15.11.2001)
- (30) 60/331,389 **15 Nov/nov 2001** US
(15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SEGMENTED WAVEGUIDE ARRAY GRATING FILTERS
- FILTRES EN RESEAU DE GUIDE D'ONDE A SEGMENTS
- (71) UNIVERSITÉ LAVAL [CA/CA]; Université Laval, Québec, Québec G1K 7P4 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DUGUAY, Michel, A. [CA/CA]; 738 Alfred-Rouleau, Ste-Foy, Québec G1X 4P2 (CA). GRONDIN, Étienne [CA/CA]; 4075 rue Blain, Québec, Québec G2B 5C6 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02B 6/35, G02F 1/00
- (11) WO 03/042738 (13) A2
- (21) PCT/US02/36270
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/331,283 **13 Nov/nov 2001** US
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • NON-LINEAR PHOTONIC SWITCH
• COMMUTATEUR PHOTONIQUE NON LINEAIRE
- (71) SURFACE LOGIX, INC. [US/US]; 50 Soldiers Field Place, Brighton, MA 02135 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MCCOY, Christopher, H. [US/US]; 15 Elmwood Avenue, Natick, MA 01760 (US). CHEN, John [US/US]; 54 Upland Road, Somerville, MA 02144 (US).
- (74) MELORO, Thomas, J. et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G02B 6/38
- (11) WO 03/042739 (13) A1
- (21) PCT/SE02/01935

- (22) 23 Oct/oct 2002 (23.10.2002)
 (25) sv (26) en
 (30) 0103585-6 23 Oct/oct 2001 SE
 (23.10.2001)
 (30) 0202649-0 5 Sep/sep 2002 SE
 (05.09.2002)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • HARDENING PROCESS
 • PROCEDE DE DURCISSEMENT
 (71, 72) SJÖBERG, Anders [SE/SE]; Stavgårds-
 gatan 86, S-167 57 Bromma (SE).
 (74) BERGENSTRÄHLE & LINDVALL AB;
 P.O.Box 17704, S-Stockholm 118 93 (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 TN TR TT
 TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
 UG ZM ZW); EA (AM AZ BY KG KZ MD
 RU TJ TM); EP (AT BE BG CH CY CZ DE
 DK EE ES FI FR GB GR IE IT LU MC NL
 PT SE SK TR); OA (BF BJ CF CG CI CM
 GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G02B 6/38, 6/44
 (11) WO 03/042740 (13) A2
 (21) PCT/US02/35770
 (22) 7 Nov/nov 2002 (07.11.2002)
 (25) en (26) en
 (30) 09/991,230 14 Nov/nov 2001 US
 (14.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • CRIMP-STYLE CONNECTOR FOR
 FIBER REINFORCED PREMISE CA-
 BLE
 • CONNECTEUR A SERTIR POUR
 CABLE RENFORCE DE FIBRES POUR
 VIDE TECHNIQUE
 (71) OWENS CORNING [US/US]; One Owens
 Corning Parkway, Toledo, OH 43659 (US).
*(for all designated States except / pour tous
 les États désignés sauf US)*
 (72, 75) PRIEST, James, R. [US/US]; 7285
 Cedar Court East, Nashport, OH 43023 (US).
 LEHMAN, Richard, N. [US/US]; 1795
 Lakeview Drive, Newark, OH 43055 (US).
 HAGER, Thomas, P. [US/US]; 1109 Lake
 Point Drive, Westerville, OH 43082 (US).
 (74) DOTTAVIO, James, J. et al. / etc.; Owens
 Corning Science & Technology Center, 2790
 Columbus Road, Building 54-1, Granville,
 OH 43023-1200 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR
 BY BZ CA CH CN CO CR CU CZ DE DK
 DM DZ EC EE ES FI GB GD GE GH GM
 HR HU ID IL IN IS JP KE KG KP KR KZ
 LC LK LR LS LT LU LV MA MD MG MK
 MN MW MX MZ NO NZ OM PH PL PT RO
 RU SC SD SE SG SI SK SL TJ TM TN TR
 TT TZ UA UG US UZ VC VN YU ZA ZM
 ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
 UG ZM ZW); EA (AM AZ BY KG KZ MD
 RU TJ TM); EP (AT BE BG CH CY CZ DE
- DK EE ES FI FR GB GR IE IT LU MC NL
 PT SE SK TR); OA (BF BJ CF CG CI CM
 GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G02B 6/43, H01L 23/52
 (11) WO 03/042741 (13) A2
 (21) PCT/FR02/03880
 (22) 13 Nov/nov 2002 (13.11.2002)
 (25) fr (26) fr
 (30) 01/14784 15 Nov/nov 2001 FR
 (15.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • MULTILAYER MONOLITHIC ELEC-
 TRONIC DEVICE AND METHOD FOR
 MAKING SAME
 • DISPOSITIF ELECTRONIQUE MO-
 NOLITHIQUE MULTICOUCHES ET
 PROCEDE DE REALISATION D'UN
 TEL DISPOSITIF
 (71) COMMISSARIAT À L'ENERGIE
 ATOMIQUE [FR/FR]; 31/33, rue de la
 Fédération, F-75752 PARIS (FR).
*(for all designated States except / pour tous
 les États désignés sauf US)*
 (72, 75) BELLEVILLE, Marc [FR/FR]; 12, rue
 de Chantemerle, F-38120 Saint-Egrève (FR).
 HADJI, Emmanuel [FR/FR]; 9, impasse des
 Primevères, F-38600 Fontaine (FR). ASPAR,
 Bernard [FR/FR]; 110, Lot. du Hameau des
 Ayes, F-38140 Rives (FR).
 (74) LEHU, Jean; c/o Brevatome, 3, rue du Doc-
 teur Lancereaux, F-75008 Paris (FR).
 (81) US.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
 FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ G02B 6/44
 (11) WO 03/042742 (13) A1
 (21) PCT/JP01/09945
 (22) 14 Nov/nov 2001 (14.11.2001)
 (25) ja (26) ja
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • EQUIPMENT FOR INSPECTING
 GROOVE OF SPIRAL SPACER FOR
 BEARING OPTICAL FIBER
 • APPAREIL DE CONTROLE DE
 SILLONS D'UN ESPACEUR SPIRALE
 PORTANT DES FIBRES OPTIQUES
 (71) UBE-NITTOU KASEI CO., LTD. [JP/JP];
 1-7, Higashinohbashi, 1-choume, Chuo-ku,
 Tokyo 103-0004 (JP).
 (72) KAWASAKI, Kazuyuki; c/o UBE-NIT-
 TOU KASEI CO., LTD., 1-1, Yabutanishi
 2-choume, Gifu-shi, Gifu 500-8386 (JP). NA-
 GAYA, Hidenobu; c/o UBE-NITTOU KA-
 SEI CO., LTD., 1-1, Yabutanishi 2-choume,
 Gifu-shi, Gifu 500-8386 (JP).
 (74) MATSUMOTO, Masatoshi; AOBA IN-
 TERNATIONAL PATENT OFFICE, Dai-
 ichi-Okouchi Bldg. 6F, 10-6, Kajicho
 1-choume, Chiyoda-ku, Tokyo 101-0044
 (JP).
 (81) CN JP KR.
-
- (51)⁷ G02B 17/08
 (11) WO 03/042743 (13) A1
 (21) PCT/JP02/11817
- (22) 13 Nov/nov 2002 (13.11.2002)
 (25) ja (26) ja
 (30) 2001-347568 13 Nov/nov 2001 JP
 (13.11.2001)
 (30) 2002-185199 25 Jun/juin 2002 JP
 (25.06.2002)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • WIDE-ANGLE IMAGING OPTICAL
 SYSTEM, AND WIDE-ANGLE IMAG-
 ING DEVICE, MONITORING IMAG-
 ING DEVICE, ON-VEHICLE IMAGING
 DEVICE, AND PROJECTION DEVICE
 WITH THE WIDE-ANGLE IMAGING
 OPTICAL SYSTEM
 • SYSTEME OPTIQUE D'IMAGERIE A
 GRAND ANGLE, DISPOSITIF D'IMA-
 GERIE A GRAND ANGLE, DISPOSITIF
 D'IMAGERIE DE SURVEILLANCE,
 DISPOSITIF D'IMAGERIE A BORD
 D'UN VEHICULE ET DISPOSITIF DE
 PROJECTION EQUIPE DU SYSTEME
 OPTIQUE D'IMAGERIE A GRAND
 ANGLE
 (71) MATSUSHITA ELECTRIC INDUS-
 TRIAL 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) MATSUKI, Daizaburo [JP/JP]; 3-14-
 322, Miyukihigashimachi, Neyagawa-shi,
 Osaka 572-0055 (JP). YOSHIKAWA,
 Motonobu [JP/JP]; 1-7-9, Yuzato, Hi-
 gashisumiyoshi-ku, Osaka-shi, Osaka
 546-0013 (JP). YAMAMOTO, Yoshiharu
 [JP/JP]; 2-20-23, Miyayama-cho, Toyon-
 aka-shi, Osaka 560-0056 (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) CN JP KR US.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
 FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ G02B 26/02, G09F 9/37, G02F 1/17
 (11) WO 03/042744 (13) A2
 (21) PCT/GB02/04903
 (22) 30 Oct/oct 2002 (30.10.2002)
 (25) en (26) en
 (30) 0127001.6 12 Nov/nov 2001 GB
 (12.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • BISTABLE DISPLAY DEVICE
 • DISPOSITIF D'AFFICHAGE BISTABLE
 (71) QINETIQ LIMITED [GB/GB]; Registered
 Office, 85 Buckingham Gate, London SW1E
 6PD (GB).
*(for all designated States except / pour tous
 les États désignés sauf US)*
 (72, 75) SAGE, Ian, Charles [GB/GB]; Qinetiq
 Malvern, Malvern Technology Park, St An-
 drews Road, Malvern WR13 3PS (GB).
 (74) RUSHTON D J; IP Qinetiq Formalities,
 Cody Technology Park, A4 Building Ively
 Road, Farnborough, Hampshire GU14 0LX
 (GB).
 (81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G02B 27/00

(11) WO 03/042745 (13) A2

(21) PCT/IB02/04713

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) 0127536.1 16 Nov/nov 2001 GB (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • OPTICAL APPARATUS
• APPAREIL OPTIQUE

(71) THALES OPTICS LIMITED [GB/GB]; Glascoed Road, St. Asaph, Denbighshire LL17 0LL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIRKHAM, John, Anthony [GB/GB]; Thales Intellectual Property, 13, av. Prés. Salvador Allende, F-94117 Arcueil Cedex (FR).

(74) ESSELIN, Sophie; Thales Intellectual Property, 13, av. Prés. Salvador Allende, F-94117 Arcueil Cedex (FR).

(81) CA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G02C 7/16, 7/04, 7/10, A61B 3/00

(11) WO 03/042746 (13) A1

(21) PCT/US01/51118

(22) 29 Oct/oct 2001 (29.10.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • OCCLUDED CONTACT LENS WITH PERIPHERAL VISION FUNCTIONALITY
• LENTILLE DE CONTACT OCCLUSE A FONCTION DE VISION PERIPHERIQUE

(71) COMPREHENSIVE NEUROPSYCHOLOGICAL SERVICES, LLC [US/US]; 2105 Huntleigh Court, Little Rock, AR 72212 (US).

(72) ZOLTEN, Avram, J.; 2105 Huntleigh Court, Little Rock, AR 72212 (US).

(74) COX, Ray, F. et al. / etc.; Wright, Lindsey & Jennings, LLP, 200 West Capitol Avenue, Suite 2200, Little Rock, AR 72201-3699 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK 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 G02F

(11) WO 03/042747 (13) A2

(21) PCT/US02/34413

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 60/358,689 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • OPTICAL DEVICES HAVING REFLECTIVE AND TRANSMISSIVE MODES FOR DISPLAY
• DISPOSITIFS OPTIQUES A MODES DE TRANSMISSION ET DE REFLEXION POUR AFFICHAGE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) KOTCHICK, Keith, M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) MILLER, William, D. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ G02F 1/01

(11) WO 03/042748 (13) A1

(21) PCT/KR01/01921

(22) 10 Nov/nov 2001 (10.11.2001)

(25) ko (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • SURFACE PLASMON OPTIC DEVICES AND RADIATING SURFACE PLASMON SOURCES FOR PHOTOLITHOGRAPHY

• DISPOSITIFS OPTIQUES A PLASMON DE SURFACE, ET SOURCES DE RAYONNEMENT A PLASMON DE SURFACE POUR PHOTOLITHOGRAPHIE

(71) MAX-BORN-INSTITUTE FUT NICHT-LINEARE OPTIK UND KURZZEIT-SPEKTROSKOPIE [DE/DE]; Max-Born-Strasse 2a, D-12489 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) KIM, Dai-Sik [KR/KR]; Department of Physics, Seoul National University, Silim-dong, Kwanak-gu, 151-742 Seoul (KR).
HOHNG, Sung-Chul [KR/KR]; Department of Physics, Seoul National University, Silim-dong, Kwanak-gu, 151-742 Seoul (KR).

(72, 75) LIENAU, Christoph [DE/DE]; Max-Born-Institute fut Nichtlineare Optik und Kurzzeitspektroskopie, Max-Born-Strasse 2a, D-12489 Berlin (DE).
MALYARCHUCK, Victor [DE/DE]; Max-Born-Institute fut Nichtlineare Optik und Kurzzeitspektroskopie, Max-Born-Strasse 2a, D-12489 Berlin (DE).
PARK, Jong-Wan [KR/KR]; Korea Research Institute of Standards and Science, Yunsung, P.O. Box 102, 305-600 Taejeon (KR).
YOON, Yeo-Chan [KR/KR]; Department of Physics, Seoul National University, Silim-dong, Kwanak-gu, 151-742 Seoul (KR).
RYU, Han-Youl [KR/KR]; Department of Physics, Korea Advanced Institute of Science and Technology, 373-1 Kusong-dong, Yuseong-gu, 305-701 Taejeon (KR).
YOO, Kyeong-Hwa [KR/KR]; Korea Research Institute of Standards and Science, Yunsung, P.O. Box 102, 305-600 Taejeon (KR).

(74) SESHIN PATENT & LAW FIRM; 8th Fl., KFSB Building, 16-2 Yeodo-dong, Yeongdeungpo-gu, 150-010 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 G02F 1/035

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(21) PCT/JP02/11944

(22) 15 Nov/nov 2002 (15.11.2002)

(25) ja (26) ja

(30) 2001-351142 16 Nov/nov 2001 JP (16.11.2001)

(30) 2002-330325 14 Nov/nov 2002 JP (14.11.2002)

(43) 22 May/mai 2003 (22.05.2003)
(54) • OPTICAL WAVEGUIDE DEVICE, AND TRAVELING WAVE FORM OPTICAL MODULATOR

• DISPOSITIF DE GUIDE D'ONDE OPTIQUE ET MODULATEUR OPTIQUE DE FORME D'ONDE PROGRESSIVE

(71) NGK INSULATORS, LTD. [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP).

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(72, 75) KONDO, Jungo [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP). KONDO, Atsuo [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP). AOKI, Kenji [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP). MITOMI, Osamu [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP).

(74) HOSODA, Masutoshi et al. / etc.; NEW ATT BLDG. 7F, 11-7, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) US.

(84) EP (DE FR GB IT).

(51)⁷ G02F 1/1333, G09G 3/36, G09F 9/35

(11) WO 03/042750 (13) A1

(21) PCT/NO02/00420

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 20015571 14 Nov/nov 2001 NO (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CASCADING OF MULTI- OR BI-STABLE LIQUID CRYSTAL DISPLAY ELEMENTS IN LARGE SELF-ORGANIZING SCALABLE LOW FRAME RATE DISPLAY BOARDS

• MISE EN CASCADE D'ELEMENTS D'AFFICHAGE A CRISTAUX LIQUIDES MULTISTABLES OU BISTABLES DANS DE GRANDS PANNEAUX D'AFFICHAGE AUTO-ORGANISATEURS ADAPTABLES A FAIBLE FREQUENCE DE TRAME

(71) POLYDISPLAY ASA [NO/NO]; P.O.Box 240 Sentrum, N-3201 Sandefjord (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PETERSEN, Gunnar [NO/NO]; Soppveien 12, N-3157 Barkåker (NO).

(74) ONSAGERS AS et al. / etc.; P.O. Box 6963 St. Olavs plass, N-0130 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G02F 1/13357, G09F 13/18, 9/35, F21V 8/00, G09F 19/00, G01D 11/28

(11) WO 03/042751 (13) A1

(21) PCT/KR02/00364

(22) 4 Mar/mar 2002 (04.03.2002)

(25) en (26) en

(30) 2001/70568 13 Nov/nov 2001 KR (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • LIQUID CRYSTAL DISPLAY APPARATUS

• APPAREIL A AFFICHAGE A CRISTAUX LIQUIDES

(71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Mactan-dong, Paldal-gu, Suwon-si, 442-742 Gyeonggi-do (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Sang-Duk [KR/KR]; 626-1001, Jimheung Apt., #1027, Pungduckchun-ri, Suji-eup, Yongin-si, 449-990 Gyeonggi-do (KR). KWON, Yoon-Soo [KR/KR]; 7-1, Nongseo-ri, Giheung-eup, Yongin-si, 449-901 Gyeonggi-do (KR).

(74) PARK, Young-Woo; Seil Building 5th Floor, #727-13 Yoksam-dong, Gangnam-gu, Seoul 135-921 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 1/1337

(11) WO 03/042752 (13) A1

(21) PCT/JP02/11948

(22) 15 Nov/nov 2002 (15.11.2002)

(25) ja (26) ja

(30) 2001-350017 15 Nov/nov 2001 JP (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • LIQUID CRYSTAL ALIGNING AGENT FOR VERTICAL ALIGNMENT, ALIGNMENT LAYER FOR LIQUID CRYSTAL, AND LIQUID CRYSTAL DISPLAYS MADE BY USING THE SAME

• AGENT D'ALIGNEMENT DE CRISTAL LIQUIDE POUR L'ALIGNEMENT VERTICAL, COUCHE D'ALIGNEMENT POUR CRISTAL LIQUIDE, ET

AFFICHEURS A CRISTAUX LIQUIDES FABRIQUES A L'AIDE DE CEUX-CI

(71) NISSAN CHEMICAL INDUSTRIES, LTD. [JP/JP]; 7-1, Kanda-Nishiki-cho 3-chome, Chiyoda-ku, Tokyo 101-0054 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ONO, Go [JP/JP]; c/o Nissan Chemical Industries, Ltd., Electronic Materials Research Laboratories, 722-1, Tsuboi-cho, Funabashi-shi, Chiba 274-8507 (JP). MIZUNO, Kio [JP/JP]; c/o Nissan Chemical Industries, Ltd., Electronic Materials Research Laboratories, 722-1, Tsuboi-cho, Funabashi-shi, Chiba 274-8507 (JP). ENDO, Hideyuki [JP/JP]; c/o Nissan Chemical Industries, Ltd., Electronic Materials Research Laboratories, 722-1, Tsuboi-cho, Funabashi-shi, Chiba 274-8507 (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02F 1/1339, 1/1335

(11) WO 03/042753 (13) A1

(21) PCT/NO02/00421

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 20015569 14 Nov/nov 2001 NO (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DISPLAY WITH MICRO POCKETS

• DISPOSITIF D'AFFICHAGE A MICRO-POCHES

(71) POLYDISPLAY ASA [NO/NO]; P.O.Box 240 Sentrum, N-3201 Sandefjord (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOLTER, Børre [NO/NO]; Harestien 4, N-3060 Svelvik (NO).

(74) ONSAGERS AS et al. / etc.; P.O.Box 6963 St. Olavs plass, N-0130 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02F 1/1341, 1/1339

(11) WO 03/042754 (13) A1

(21) PCT/JP02/11976

(22) 15 Nov/nov 2002 (15.11.2002)

(25) ja (26) ja

(30) 2001-351594 16 Nov/nov 2001 JP
(16.11.2001)

(30) 2002-330279 14 Nov/nov 2002 JP
(14.11.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR MANUFACTURING
LIQUID CRYSTAL DISPLAY

• PROCEDE DE FABRICATION D'AFFI-
CHEUR A CRISTAUX LIQUIDES

(71) FUJITSU DISPLAY TECHNOLOGIES CORPORATION [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) INOUE, Hiroyasu [JP/JP]; c/o FUJITSU DISPLAY TECHNOLOGIES CORPORATION, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). OTANI, Minoru [JP/JP]; c/o FUJITSU DISPLAY TECHNOLOGIES CORPORATION, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). NAKAHATA, Yuji [JP/JP]; c/o FUJITSU DISPLAY TECHNOLOGIES CORPORATION, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). MURATA, Satoshi [JP/JP]; c/o FUJITSU DISPLAY TECHNOLOGIES CORPORATION, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). NAKAYAMA, Norimichi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SUGIMURA, Hiroyuki [JP/JP]; c/o FUJITSU DISPLAY TECHNOLOGIES CORPORATION, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) MORIOKA, Masaki; MORIOKA & ASSOCIATES, 4th Floor, Toyo Bldg., 16-5, Shimizu 1-chome, Suginami-ku, Tokyo 167-0033 (JP).

(81) CN KR US.

(51)⁷ G02F 1/17

(11) WO 03/042755 (13) A1

(21) PCT/JP02/11595

(22) 7 Nov/nov 2002 (07.11.2002)

(25) ja (26) ja

(30) 2001-346260 12 Nov/nov 2001 JP
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DISPLAY UNIT AND DRIVE METHOD THEREFOR

• UNITE D'AFFICHAGE ET PROCEDE DE COMMANDE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHINOZAKI, Kenji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). MATSUI, Takeshi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TAKAHASHI, Kenichi [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 Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G03B 7/18, H04N 5/225

(11) WO 03/042756 (13) A1

(21) PCT/DE02/04182

(22) 12 Nov/nov 2002 (12.11.2002)

(25) de (26) de

(30) 101 55 622.5 13 Nov/nov 2001 DE
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • LIGHT DETECTION DEVICE COMPRISING A LIGHTING CONTROL SYSTEM

• DISPOSITIF DE DETECTION DE LUMIERE DOTE D'UN DISPOSITIF DE COMMANDE D'ECLAIRAGE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRÜGER, Werner [DE/DE]; Leutstetter Str. 3, 81477 München (DE). WAGNER, Hannes [DE/DE]; Weilerstr. 4, 81541 München (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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD

RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ G03B 21/56, 21/00, 21/26, G02B 27/22

(11) WO 03/042757 (13) A1

(21) PCT/US02/32620

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) 09/977,462 15 Oct/oct 2001 US
(15.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM AND METHOD FOR VISUALIZATION OF STEREO AND MULTI ASPECT IMAGES

• SYSTEME ET PROCEDE DE VISUALISATION D'IMAGES STEREO ET A ASPECTS MULTIPLES

(71) NEUROK LLC [US/US]; 2010 Corporate Ridge Drive, McLean, VA 22102 (US).

(72) PUTILIN, Andrey, N.; Voljisky Boulevard 114A, K. 7, Fl. 54, Moscow, 109462 (RU).

(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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03F 7/027, 7/004, H05K 3/00

(11) WO 03/042758 (13) A1

(21) PCT/JP02/11744

(22) 11 Nov/nov 2002 (11.11.2002)

(25) ja (26) ja

(30) 2001-346280 12 Nov/nov 2001 JP
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PHOTSENSITIVE RESIN COMPOSITION AND APPLICATIONS THEREOF

• COMPOSITION DE RESINE PHOTOSENSIBLE ET APPLICATIONS CORRESPONDANTES

(71) ASAHI KASEI KABUSHIKI KAISHA [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530-8205 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORI, Toru [JP/JP]; 7-5-8, Imaizumi, Fuji-shi, Shizuoka 417-0001 (JP). ADACHI, Teruhiko [JP/JP]; 662-6, Nakamaru, Fuji-shi, Shizuoka 416-0933 (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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03F 7/20

(11) WO 03/042759 (13) A2

(21) PCT/GB02/05162

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 0127390.3 15 Nov/nov 2001 GB (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MANUFACTURE OF OPTICAL DEVICES

• FABRICATION DE DISPOSITIFS OPTIQUES

(71) BOOKHAM TECHNOLOGY PLC [GB/GB]; 90 Milton Park, Abingdon, Oxon OX14 4RY (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KENNEDY, Leslie [GB/GB]; 1 Colbers Wick, Wingrave, Aylesbury, Bucks HP22 4PF (GB). MOSELEY, Andrew [GB/GB]; Benu Vista, Stowe Nine Churches, Church Stowe, Northants NN7 4SG (GB). BEANLAND, Richard [GB/GB]; 39 Docklewell Close, Towcester, Northants NN12 6JF (GB). STOTT, Mark [GB/GB]; 24 Conrad Close, Rugby, Warwickshire CV22 5RX (GB).

(74) UNWIN, Stephen, Geoffrey et al. / etc.; Fry Heath & Spence LLP, The Gables, Massetts Road, Horley, Surrey RH6 7DQ (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ G03F 7/20

(11) WO 03/042760 (13) A2

(21) PCT/US02/35514

(22) 5 Nov/nov 2002 (05.11.2002)

(25) en (26) en

(30) 60/337,752 9 Nov/nov 2001 US (09.11.2001)

(30) 60/338,362 9 Nov/nov 2001 US (09.11.2001)

(30) 10/134,026 25 Apr/avr 2002 US (25.04.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ACHROMATIC FRESNEL OPTICS BASED LITHOGRAPHY FOR SHORT WAVELENGTH ELECTROMAGNETIC RADIATIONS

• LITHOGRAPHIE A BASE DE DISPOSITIF OPTIQUE FRESNEL ACHROMATIQUE POUR RAYONNEMENT ELECTROMAGNETIQUE D'ONDES

(71) XRADIA, INC. [US/US]; 4075A Spring Drive, Concord, CA 94520 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YUN, Wenbing [US/US]; 2812 Filbert Drive, Walnut Creek, CA 94520 (US). WANG, Yuxin [US/US]; 2647 N. Greenwood Avenue, Arlington Heights, IL 60004 (US). NILL, Kenneth, W. [US/US]; 16 Bennington Road, Lexington, MA 02421 (US).

(74) O'BANION, John, P.; O'Banion & Ritchey LLP, 400 Capitol Mall, Suite 1550, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03F 7/30

(11) WO 03/042761 (13) A1

(21) PCT/US02/36549

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 09/992,688 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR REUSE OF LOADED DEVELOPER

• PROCEDE SERVANT A REUTILISER UN REVELATEUR CHARGE

(71) KODAK POLYCHROME GRAPHICS COMPANY LTD. [BB/US]; 401 Merritt 7, Norwalk, CT 06851 (US).

(72) FIEBAG, Ulrich; 31688 Nienstaedt, Rosenweg 16 (DE). TIMPE, Hans-Joachim;

37520 Osterode, Bahnhofstrasse 165 (DE). TONDOCK, Uwe; 37520 Osterode-Nienstaedt, Langer Hagen 50 (DE). VIHS, Andreas; Bachstr. 3, 37520 Osterode-Dorste (DE).

(74) POLITIS, Pamela, D. et al. / etc.; Ratter Prestia, P.O. Box 1596, Wilmington, DE 19899 (US).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G03F 7/32

(11) WO 03/042762 (13) A1

(21) PCT/KR02/02117

(22) 13 Nov/nov 2002 (13.11.2002)

(25) ko (26) en

(30) 2001-70364 13 Nov/nov 2001 KR (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CHEMICAL RINSE COMPOSITION
• COMPOSITION CHIMIQUE DE RINÇAGE

(71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Paldal-ku, 442-370 Suwon-city (KR).

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(72, 75) CHAI, Yung-Bae [KR/KR]; Daerim APT. 103-1014, Mosi-ri, jiksan-myeon, 330-810 Cheonan-city, Chungcheongnam-do (KR). CHOI, Si-Myung [KR/KR]; Danyubeu 101-1503, 1088-5, Geoj2-dong, Yeonje-ku, 611-072 Busan-city (KR). RO, Jae-Sung [KR/KR]; Daewoomokhwa APT. 16-205, Seongjeong-dong, 330-170 Cheonan-city, Chungcheongnam-do (KR). CHOI, Jung-Sun [KR/KR]; Seongjisae-mal APT.208-2204, Sinbang-dong, 330-260 Cheonan-city, Chungcheongnam-do (KR).

(74) YOUME PATENT & 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G03G 15/20, G01J 5/08

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(21) PCT/JP02/11845

(22) 13 Nov/nov 2002 (13.11.2002)

(25) ja (26) ja

(30) 2001-347795 13 Nov/nov 2001 JP (13.11.2001)

- (30) 2002-83101 **25 Mar/mar 2002** JP
(**25.03.2002**)
- (30) 2002-88729 **27 Mar/mar 2002** JP
(**27.03.2002**)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • HEAT FIXING DEVICE AND IMAGE FORMING DEVICE
• DISPOSITIF DE FIXATION DE TEMPERATURE ET DISPOSITIF DE FORMATION D'IMAGE
- (71) **BROTHER KOGYO KABUSHIKI KAISHA** [JP/JP]; 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP).
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- (72, 75) **HATTORI, Tomoaki** [JP/JP]; c/o Brother Kogyo Kabushiki Kaisha, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP). **SUZUKI, Masashi** [JP/JP]; c/o Brother Kogyo Kabushiki Kaisha, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP).
- (74) **KOIZUMI, Shin** et al. / etc.; 6F, Sigma Yushima Bldg., 37-4, Yushima 3-chome, Bunkyo-ku, Tokyo 113-0034 (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 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G04B 19/00**
(11) **WO 03/042764** (13) A2
(21) PCT/CH02/00592
(22) **4 Nov/nov 2002 (04.11.2002)**
(25) de (26) de
(30) 2073/01 **12 Nov/nov 2001** CH
(**12.11.2001**)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DISPLAY DEVICE FOR A WRIST-WATCH
• DISPOSITIF D'AFFICHAGE POUR MONTRE-BRACELET
- (71) **ETERNA AG UHRENFABRIK** [CH/CH]; Schützengasse 46, CH-2540 Grenchen (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SEYR, Ernst** [AT/CH]; c/o Eterna AG Uhrenfabrik, Schützengasse 46, CH_2540 Grenchen (CH).
- (74) **LIEBETANZ, Michael**; Isler & Pedrazzini AG, Postfach 6940, CH-8023 Zürich (CH).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ **G05B**
(11) **WO 03/042765** (13) A2
(21) PCT/US02/33878
- (22) **23 Oct/oct 2002 (23.10.2002)**
(25) en (26) en
(30) 10/007,575 **9 Nov/nov 2001** US
(**09.11.2001**)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND APPARATUS FOR INCREASING AND MODULATING THE YIELD SHEAR STRESS OF ELECTORRHEOLOGICAL FLUIDS
• PROCEDE ET APPAREIL SERVANT A ACCROITRE ET A MODULER LA DEFORMATION EN CISAILLEMENT DE FLUIDES ELECTORRHEOLOGIQUES
- (71) **TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION** [US/US]; Broad Street and Oxford Avenue, Philadelphia, PA 19122 (US).
- (72) **TAO, Rongjia**; 902 Valley Road, Apartment 30C, Melrose Park, PA 19122 (US). **LAN, Yucheng**; 7612 Massey Way, Apartment B, Elkins Park, PA 19027 (US). **KACZANOW-ICZ, Edward**; 7041 East Valley Green Road, Flourtown, PA 19031 (US). **XU, Xiaojun**; 2113 A S John Russell Circle, Elkins Park, PA 19027 (US).
- (74) **ANDERSEN, Robert, L.** et al. / etc.; RatterPrestia, 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482-0980 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G05B 13/02, G06E 1/00**
(11) **WO 03/042766** (13) A1
(21) PCT/US02/36209
(22) **13 Nov/nov 2002 (13.11.2002)**
(25) en (26) en
(30) 60/331,233 **13 Nov/nov 2001** US
(**13.11.2001**)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND SYSTEM FOR ORTHOGONALIZING INPUT SIGNALS
• PROCEDE ET SYSTEME D'ORTHO-GONALISATION DE SIGNAUX D'ENTREE
- (63) US **USSN60/331,233** (CIP)
13 Nov/nov 2001 (13.11.2001)
- (71) **THINKING MACHINES, LLC** [US/US]; 500 Australian Avenue South, Suite 110, West Palm Beach, FL 33401 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RHODES, Paul, A.** [US/US]; 500 Australian Avenue South, Suite 110, West Palm Beach, FL 33401 (US).
- (74) **FOX, Harold, H.**; Fish & Richardson P.C., 1425 K Street, N.W., 11th floor, Washington, DC 20005-3500 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G05B 19/0462**
(11) **WO 03/042767** (13) A2
(21) PCT/US02/35450
(22) **5 Nov/nov 2002 (05.11.2002)**
(25) en (26) en
(30) 10/032,637 **9 Nov/nov 2001** US
(**09.11.2001**)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • POSITION SENSOR AND ACTUATING SYSTEM
• CAPTEUR DE POSITIONNEMENT ET SYSTEME D'ACTIONNEMENT
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
- (72) **WILKENS, Dean**; 7991 E. Las Piedras Way, Scottsdale, AZ 85262 (US).
- (74) **CRISS, Roger, H.** et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ **G05B 19/418, G06F 17/60**
(11) **WO 03/042768** (13) A1
(21) PCT/JP02/11812
(22) **12 Nov/nov 2002 (12.11.2002)**
(25) ja (26) ja
(30) 2001/349148 **14 Nov/nov 2001** JP
(**14.11.2001**)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • IC CARD ORDERING/STOCK CONTROL SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE CONTROLE DE COMMANDE/STOCK DE CARTES A CIRCUIT INTEGRE
- (71) **JCB CO., LTD.** [JP/JP]; 1-6, Kanda Surugadai, Chiyoda-ku, Tokyo 101-8006 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAWAMOTO, Masayoshi** [JP/JP]; c/o JCB. Co., Ltd. Membership Services Dept., 1-6, Kanda Surugadai, Chiyoda-ku, Tokyo 101-8006 (JP). **OKA, Yohei** [JP/JP]; c/o JCB. Co., Ltd. Membership Services Dept., 1-6, Kanda Surugadai, Chiyoda-ku, Tokyo 101-8006 (JP).
- (74) **KOJIMA, Takiro**; c/o KOJIMA International Patent Office, Ikebukuro White-House Bldg. 4F, 1-20-2, Higashi-Ikebukuro, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G05B 23/02

(11) WO 03/042769 (13) A1

(21) PCT/EP02/12823

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 0127551.0 16 Nov/nov 2001 GB (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ANALYSING EVENTS
• ANALYSE D'ÉVÉNEMENTS

(71) ABB AB [SE/SE]; Kopparbergsv. 2, S-721 83 Västerås (SE).
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(72, 75) WEIDL, Galia [BG/DE]; Vaihinger Str. 7, 711 44 Steinenbronn (BG). VOLLMAR, Gerhard [DE/DE]; Raiffeisenstrasse 12, 67149 Meckenheim (DE).

(74) DAHLSTRAND, Björn; ABB Group Services Center AB, Legal & Compliance/ Intellectual Property, Forskargränd 8, S-721 78 Västerås (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G05B 23/02

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(21) PCT/EP02/13900

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 0127553.6 16 Nov/nov 2001 GB (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PROVISION OF DATA FOR ANALYSIS
• PROVISION DE DONNEES POUR ANALYSE

(71) ABB AB [SE/SE]; Kopparbergsv. 2, S-721 83 Västerås (SE).
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(72, 75) DAHLQUIST, Erik [SE/SE]; Västmannagatan 8, S-724 60 Västerås (SE). WEIDL, Galia [BG/DE]; Vaihinger Str. 7, 71144 Steinenbronn (DE). VALLMAR, Gerhard [DE/DE]; Raiffeisenstrasse 12, 67149 Meckenheim (DE). MILANOVIC, Raiko [DE/DE]; Biethsstrasse 22, 69121 Heidelberg (DE).

(74) DAHLSTRAND, Björn; ABB Group Services Center AB, Legal & Compliance/Intellectual Property, Forskargränd 8, S-721 78 Västerås (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G05F 1/00

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(21) PCT/US02/35951

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 09/992,244 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • POWER SUPPLY METHOD AND APPARATUS
• PROCEDE ET DISPOSITIF D'ALIMENTATION ELECTRIQUE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) SPRIETSMA, John; 2753 SW Ruthland Terrace, Portland, OR 97201 (US). HUANG, Lilly; 17620 NW Blacktail Drive, Portland, OR 97229 (US). KOERTZEN, Henry; 5539 SE Brookside Street, Hillsboro, OR 97123 (US).

(74) STEFFEY, Charles, E.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/042772 (13) A2

(21) PCT/IB02/04730

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 10/000,645 15 Nov/nov 2001 US (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM AND METHOD FOR ACTIVATING INDIVIDUALIZED SOFTWARE MODULES IN A DIGITAL BROADCAST ENVIRONMENT
• SYSTEME ET PROCEDE D'ACTIVATION DE MODULES LOGICIELS INDIVIDUALISES DANS UN ENVIRONNEMENT DE RADIODIFFUSION NUMERIQUE

(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) KOSKELA, Antti; Lehmikuja 2, FIN-20540 Turku (FI). KOIVISTO, Kyösti; Vaakunatie 21 B, FIN-20780 Kaarina (FI). KANGAS, Mauri; Sporent. 21, FIN-21530 Paimio (FI).

(74) FILL, Peter, N.; 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 CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/042773 (13) A2

(21) PCT/IB02/04756

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 09/988,002 16 Nov/nov 2001 US (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PERSONAL DATA REPOSITORY
• REFERENTIEL DE DONNEES PERSONNELLES

(71) NOKIA, INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).

(72) BJORKSTEN, Margareta, G.; 3 Concord Avenue, Apartment 23, Cambridge, MA 02138 (US). ABOU-RIZK, Mitri; 13 Mount Ida Terrace, Newton, MA 02458 (US).

(74) WRIGHT, Bradley, C.; Banner & Witcoff, Ltd., 1001 G Street, N.W., Eleventh Floor, Washington, DC 20001-4597 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/042774 (13) A2

(21) PCT/IB02/05827

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/338,578 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MASS INTENSITY PROFILING SYSTEM AND USES THEREOF

- SYSTEME DE PROFILAGE DE L'INTENSITE DE MASSE ET UTILISATIONS CORRESPONDANTES

(71) CAPRION PHARMACEUTICALS INC. [CA/CA]; 7150 Alexander Fleming, Montreal, Quebec H4S 2C8 (CA).

(72) AGUILERA, Frank, Reinaldo, Morales; 2832 Lippe, Montreal, Quebec H4R 1M1 (CA). FAUBERT, Denis; 10563 Georges-Baril Street, Montréal, Quebec H2C 2N4 (CA). BOULOS, Marguerite; 7131b de Normandie, Montreal, Quebec H2S 2C4 (CA). TSANG, John, Shing-Chun; 3875 Rue Broadway #6, Lachine, Quebec H8T 1T5 (CA). HU, Michael; 4998 De Maisonneuve O., Apt. 611, Montreal, Quebec H3Z 1N2 (CA). OSTERMANN, Joachim, Bernhard; 48 Tunstall Avenue, Senneville, Quebec H9X 1T2 (CA). KEARNEY, Paul, Edward; 41 Bruce Avenue, Montreal, Quebec H4Z 2E1 (US). THIBAUT, Pierre; 218 des Explorateurs, Aylmer, Quebec J9J 1M9 (CA).

(74) ARMSTRONG, R., Craig et al. / etc.; Borden Ladner Gervais LLP, World Exchange Plaza, 100 Queen Street, Suite 1100, Ottawa, Ontario K1P 1J9 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/042775 (13) A2

(21) PCT/IL02/00897

(22) 10 Nov/nov 2002 (10.11.2002)

(25) en (26) en

(30) 146463 13 Nov/nov 2001 IL (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • AN ADVANCED SHOPPING SYSTEM AND METHOD

- SYSTEME ET PROCEDE DE COMMERCE DE POINTE

(71) HOVAV, Asher [IL/IL]; Keren Hayesod St. 26, 58483 Holon (IL).

(71, 72) ASSIF, Benny [IL/IL]; Hasaifan St. 70, 47148 Ramat Hasharon (IL).

(74) ASSIF, Benny; Hasaifan St. 70, 47248 Ramat Hasharon (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F

(11) WO 03/042776 (13) A2

(21) PCT/KR02/02099

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) 2001/70216 12 Nov/nov 2001 KR (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PAYMENT APPARATUS AND METHOD USING BARCODE STORED IN MOBILE COMMUNICATION TERMINAL

- DISPOSITIF ET PROCEDE POUR LE PAIEMENT SELON UN CODE BARRES ENREGISTRE DANS UN TERMINAL DE COMMUNICATIONS MOBILES

(71) DIGITAL SERVICE CO. LTD. [KR/KR]; #202, K.J. Building, 6-39 yangjae-dong, secho-gu, 137-886 SEOUL (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Young-Jin [KR/KR]; #302, shalom house, 699-4, Yeoksam-dong, Gangnam-gu, 135-917 SEOUL (KR).

(74) JOO, Won-Tae; Synergy International Patent and Law Office, 2F., T.S.K. Bldg., 834-20, Yeoksam-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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/042777 (13) A2

(21) PCT/SG01/00189

(22) 14 Sep/sep 2001 (14.09.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND SYSTEM FOR PERSONALIZED INFORMATION MANAGEMENT

- PROCEDE ET SYSTEME DE GESTION DE DONNEES PERSONNALISEES

(71) KENT RIDGE DIGITAL LABS [SG/SG]; 21 Heng Mui Keng Terrace, Singapore 119613 (SG).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAN, Ah, Hwee [SG/SG]; 63 Tampines Avenue 1, #05-01 The Tropica, Singapore 529777 (SG). ONG, Hwee, Lent [SG/SG]; 6 Loyang Rise, Singapore 507595 (SG). NG, Suat, Ling, Jamie [SG/SG]; 57 Cairnhill Road, #04-09 Elizabeth Heights, Singapore 229668 (SG). PAN, Hong [CN/SG]; Blk 11, #07-62 Ghim Moh Road, Singapore 270011 (SG).

(74) GREENE-KELLY, James, Patrick; Lloyd Wise, Tanjong Pagar, P.O. Box 636, Singapore 910816 (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G06F

(11) WO 03/042778 (13) A2

(21) PCT/US02/35072

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 10/045,114 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR REORDERING CUSTOM-FITTED APPAREL

- PROCEDE DE RETOUCHES DE VETEMENT SUR MESURE

(71) ARCHETYPE SOLUTIONS, INC [US/US]; 1201 Park Avenue, Suite 101, Emeryville, CA 94608 (US).

(72) PABST, Edward; 256 Tharp Drive, Moraga, CA 94556 (US). LUHNOW, Jeffrey, Aldredge; 311 Tideway Drive, #207, Alameda, CA 94501 (US). HEARD, Steven, Carl; 1365 Alvarado Road, Berkeley, CA 94705 (US). HOLLOWAY, Robert, Gordon, Ernest; 2280 Vineyard Road, Novato, CA 94947 (US).

(74) NITABACH, Michael, N.; Milbank, Tweed, Hadley & McCloy LLP, 1 Chase Manhattan Plaza, New York, NY 10005-1413 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F
- (11) WO 03/042779 (13) A2
- (21) PCT/US02/35233
- (22) 4 Nov/nov 2002 (04.11.2002)
- (25) en (26) en
- (30) 10/001,900 14 Nov/nov 2001 US (14.11.2001)
- (30) 10/077,182 15 Feb/fév 2002 US (15.02.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • BALANCING ARBITRAGABLE TRACKING SECURITIES
• EQUILIBRAGE DE VALEURS ARBITRABLES
- (63) US USSN10/077,182 (CON) 15 Feb/fév 2002 (15.02.2002)
US USSN10/001,900 (CON) 14 Nov/nov 2001 (14.11.2001)
- (71) THE NASDAQ STOCK MARKET, INC. [US/US]; 1735 K Street N.W., Washington, DC 20006 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BLOOM, Steven, M. [US/US]; 22 Forest Drive, Springfield, NJ 07081-1124 (US). SPECTOR, Michael, S. [US/US]; 5400 32nd Street NW, Washington, DC 20015-1304 (US). JACOBS, John, L. [US/US]; 6433 Fairest Dream Lane, Columbia, MD 21044-6023 (US).
- (74) MALONEY, Denis, G.; 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F
- (11) WO 03/042780 (13) A2
- (21) PCT/US02/35454
- (22) 4 Nov/nov 2002 (04.11.2002)
- (25) en (26) en
- (30) 60/331,182 9 Nov/nov 2001 US (09.11.2001)
- (30) 60/388,745 17 Jun/juin 2002 US (17.06.2002)
- (30) 60/390,608 21 Jun/juin 2002 US (21.06.2002)
- (30) 60/412,156 19 Sep/sep 2002 US (19.09.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SYSTEM AND METHOD FOR STORAGE AND ANALYSIS OF GENE EXPRESSION DATA
• SYSTEME ET PROCEDURE D'ENREGISTREMENT ET D'ANALYSE DE DONNEES D'EXPRESSION DE GENES
- (71) GENE LOGIC INC. [US/US]; 708 Quince Orchard Road, Gaithersburg, MD 20878 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DIGGANS, James, C. [US/US]; 12415 Great Park Circle, #303, Germantown, MD 20876 (US). DOLGINOW, Doug [US/US]; 12307 Stony Creek Rd., Potomac, MD 20854 (US). ELASHOFF, Michael [US/US]; 11124 Yellow Leaf Way, Germantown, MD 20876 (US). HUANG, Da, Wei [CA/US]; 401 West Side Drive, Apt. #201, Gaithersburg, MD 20877 (US). MENEZES, Supriya [IN/US]; 19942 Gateshead Cir., Germantown, MD 20876 (US). MERTZ, Larry [US/US]; 18533 Azalea Drive, Rockville, MD 20855 (US). NADIMPALLI, Ramgopal [IN/US]; 8026 Silverleaf Drive, Gaithersburg, MD 20877 (US).
- (74) PRATT, John, S. et al. / etc.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309-2043 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F
- (11) WO 03/042781 (13) A2
- (21) PCT/US02/35873
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 60/332,819 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PATIENT COMMUNICATION METHOD AND SYSTEM
• PROCEDURE ET SYSTEME DE COMMUNICATION AVEC LE PATIENT
- (71) DENHOLM ENTERPRISES, INC. [US/US]; 6 Carnoustie Circle, West Palm Beach, FL 33401 (US).
- (72) DENHOLM, Diana, B.; 6 Carnoustie Circle, West Palm Beach, FL 33401 (US).
- (74) STEELE, Rodman, J., Jr.; Akerman, Senterfitt & Eidson, PA, 222 Lakeview Avenue, Suite 400, P.O. Box 3188, West Palm Beach, FL 33402-3188 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F
- (11) WO 03/042782 (13) A2
- (21) PCT/US02/35883
- (22) 9 Nov/nov 2002 (09.11.2002)
- (25) en (26) en
- (30) 10/045,681 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ROUTING AND FORWARDING TABLE MANAGEMENT FOR NETWORK PROCESSOR ARCHITECTURES
• ACHEMINEMENT ET REACHEMINEMENT DE GESTION DE TABLE DESTINEE A DES ARCHITECTURES DE PROCESSEUR DE RESEAU
- (71) RADISYS MICROWARE COMMUNICATIONS SOFTWARE DIVISION, INC. [US/US]; 1500 NW 118th Street, Des Moines, IA 50325 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHWADERER, Curt [US/US]; 1500 NW 118th Street, Des Moines, IA 50325 (US). LYONS, David [US/US]; 1500 NW 118th Street, Des Moines, IA 50325 (US). STOEN, Rick [US/US]; 1500 NW 118th Street, Des Moines, IA 50325 (US).
- (74) ROSENBERG, Daniel; Davis, Brown, Koehn, Shors & Roberts, P.C., The Financial Center, Suite 2500, 666 Walnut Street, Des Moines, IA 50309 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F
- (11) WO 03/042783 (13) A2
- (21) PCT/US02/35903
- (22) 9 Nov/nov 2002 (09.11.2002)
- (25) en (26) en

- (30) 60/337,939 9 Nov/nov 2001 US
(09.11.2001) DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
- (30) Not furnished / 8 Nov/nov 2002 US
non communiqué (08.11.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • FILE SPLITTING, SCALABLE COD-
ING, AND ASYNCHRONOUS TRANS-
MISSION IN STREAMED DATA
TRANSFER
• DECOUPAGE DE FICHIERS, CODAGE
ECHELONNABLE, ET TRANSMIS-
SION ASYNCHRONE DANS UN
TRANSFERT CONTINU DE DONNEES
- (71) MUSICMATCH, INC. [US/US]; 1635 W.
Bernardino Drive, Suite 270, San Diego, CA
92127 (US).
- (72) DUNNING, Ted, E.; 11797 River Rim
Road, San Diego, CA 92126 (US). DORON,
Amir; 8455 Lake Ben Avenue, San Diego,
CA 92119 (US). GRUHNE, Matthias;
Schulstrasse 2a, 99718 Westgreussen (US).
- (74) PLIMIER, Michael, D. 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 PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F
(11) WO 03/042784 (13) A2
(21) PCT/US02/36243
(22) 12 Nov/nov 2002 (12.11.2002)
(25) en (26) en
(30) 10/011,818 12 Nov/nov 2001 US
(12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PRODUCT MANAGEMENT SYSTEM
• SYSTEME DE GESTION DE PRODUIT
- (71) NATIONAL NOTIFICATION CENTER
LLC [US/US]; d/b/a Hanover Communica-
tions, 20 North Meridian Street, Suite 300,
Indianapolis, IN 46204 (US).
- (72) KOONS, Rodney; 329 West Bunker Hill
Road, Mooresville, IN 46158 (US).
- (74) NULL, Robert, D. et al. / etc.; Bose McK-
inney & Evans LLP, 2700 First Indiana Plaza,
135 North Pennsylvania Street, Indianapolis,
IN 46204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
- (74) DONNER, Irah, H. et al. / etc.; Hale and
Dorr LLP, 1455 Pennsylvania Avenue, N.W.,
Washington, DC 20004 (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 TN TR TT TZ UA UG
US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F
(11) WO 03/042787 (13) A2
(21) PCT/US02/36291
(22) 12 Nov/nov 2002 (12.11.2002)
(25) en (26) en
(30) 10/008,429 13 Nov/nov 2001 US
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • GRAPHIC USER INTERFACE ALTER-
NATE DOWNLOAD OPTIONS FOR UN-
AVAILABLE PRM CONTENT
• OPTIONS SUPPLEMENTAIRES DE
TELECHARGEMENT VERS L'AVAIL
D'INTERFACE UTILISATEUR GRA-
PHIQUE POUR CONTENU DE SUP-
PORT ENREGISTRABLE POUVANT
ETRE ACHETE NON DISPONIBLE
- (71) SCIENTIFIC-ATLANTA, INC. [US/US];
5030 Sugarloaf Parkway, Lawrenceville, GA
30044 (US).
- (72) RODRIGUEZ, Arturo, A.; 5315 Abigail
Lane, Norcross, GA 30092 (US).
- (74) MASSARONI, Kenneth, M. et al. / etc.;
Scientific-Atlanta, Inc., Intellectual Prop-
erty Department, 5030 Sugarloaf Parkway,
Lawrenceville, GA 30044 (US).
- (81) BR CA JP.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ G06F
(11) WO 03/042788 (13) A2
(21) PCT/US02/36387
(22) 13 Nov/nov 2002 (13.11.2002)
(25) en (26) en
(30) 60/332,948 13 Nov/nov 2001 US
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A SYSTEM FOR TRACKING BIOLOG-
ICAL SAMPLES
• SYSTEME DE SUIVI D'ECHAN-
TILLONS BIOLOGIQUES
- (63) US 60/332,948 (CON)
13 Nov/nov 2001 (13.11.2001)
- (71) CHROMAVISION MEDICAL SYS-
TEMS, INC. [US/US]; 33171 Paseo Cerveza,
San Juan Capistrano, CA 92675 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (71) PROMETRIC, INC. [US/US]; 1000 Lan-
caster Street, Baltimore, MD 21202 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) BOWERS, Clarke, D. [US/US]; 1000
Lancaster Street, Baltimore, MD 21202 (US).
HARTLEY, Tronster, M. [US/US]; 1000
Lancaster Street, Baltimore, MD 21202 (US).
KVECH, Kyle, M. [US/US]; 1000 Lancaster
Street, Baltimore, MD 21202 (US). GARRI-
SON, William, H. [US/US]; 1000 Lancaster
Street, Baltimore, MD 21202 (US).

(72, 75) DE LA TORRE-BUENO, Jose [US/US]; 2909 Wishbone Way, Encinitas, CA 92024 (US).

(74) HARRIS, Scott, C.; Fish & Richardson P.C., Suite 500, 4350 La Jolla Village Drive, 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/042789 (13) A2

(21) PCT/US02/36432

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/331,282 13 Nov/nov 2001 US (13.11.2001)

(30) 60/350,385 24 Jan/jan 2002 US (24.01.2002)

(30) 60/404,152 19 Aug/août 2002 US (19.08.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND SYSTEM FOR HANDLING MEDICAL INFORMATION

• PROCEDE ET SYSTEME POUR LA MANIPULATION D'INFORMATIONS MEDICALES

(71, 72) HETZEL, David, J. [US/US]; 28 Clear Vista Drive, Asheville, NC 28808 (US).

(74) HOLT, William, H.; Law Offices of William H. Holt, Unit 2, First Floor, 1423 Powhatan Street, Alexandria, VA 22314 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/042790 (13) A2

(21) PCT/US02/36618

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 09/992,596 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ELECTRONIC CONFIRMATION TO DEBIT OR CREDIT AN ACCOUNT

• CONFIRMATION ELECTRONIQUE PERMETTANT DE DEBITER OU DE CREDITER UN COMPTE

(71) TELECHECK SERVICES, INC. [US/US]; 5251 Westheimer, Houston, TX 77056 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MANFRE, Mario, P. [US/US]; 1702 Raven Oak Court, Katy, TX 77450 (US). SCHMID, Christopher, A. [US/US]; 2111 Shadybriar, Houston, TX 77077 (US).

(74) STUENKEL, Mark, E. 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/042791 (13) A2

(21) PCT/US02/36704

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/336,227 14 Nov/nov 2001 US (14.11.2001)

(30) 60/384,638 31 May/mai 2002 US (31.05.2002)

(30) 10/208,180 31 Jul/juil 2002 US (31.07.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INVENTORY EARLY WARNING AGENT IN A SUPPLY CHAIN MANAGEMENT SYSTEM

• AGENT D'INVENTAIRE A ALERTE RAPIDE DANS UN SYSTEME DE GESTION DE CHAINE D'APPROVISIONNEMENT

(71) SAP AKTIENGESELLSCHAFT [DE/DE]; Intellectual Property Department, Neurottstr. 16, 69190 Walldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RENZ, Alexander [DE/DE]; kleingmuender Strasse 72/5, 69118 Heidelberg (DE). CHEN, Ye [US/US]; 777 S. Mathilda Av., #233, Sunnyvale, CA 94087 (US).

(74) MOLLBORN, Fredrik; Fish & Richardson P.C., 500 Arguello Street #500, 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 SC SD SE SG SI SK SL TJ TM TN TR

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/042792 (13) A2

(21) PCT/US02/36800

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/336,227 14 Nov/nov 2001 US (14.11.2001)

(30) 60/384,638 31 May/mai 2002 US (31.05.2002)

(30) 10/208,186 31 Jul/juil 2002 US (31.07.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INVENTORY EARLY WARNING AGENT WITH CORRECTION BY ERROR CORRELATION CALCULATION

• AGENT D'INVENTAIRE A ALERTE RAPIDE EFFECTUANT UNE CORRECTION AU MOYEN D'UN CALCUL DE CORRELATION D'ERREUR

(71) SAP AKTIENGESELLSCHAFT [DE/DE]; Intellectual Property Department, Neurottstr. 16, 69190 Walldorf (DE).

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(72, 75) RENZ, Alexander [DE/DE]; Kleingmuender Strasse 72/5, 69118 Heidelberg (DE). CHEN, Ye [US/US]; 777 S. Mathilda Av., #233, Sunnyvale, CA 94087 (US).

(74) MOLLBORN, Fredrik; Fish & Richardson P.C., 500 Arguello Street #500, 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 PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/042793 (13) A2

(21) PCT/US02/36813

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/336,227 14 Nov/nov 2001 US (14.11.2001)

(30) 60/384,638 31 May/mai 2002 US (31.05.2002)

(30) 10/208,186 31 Jul/juil 2002 US (31.07.2002)

(30) 10/281,074 24 Oct/oct 2002 US (24.10.2002)

- (43) 22 May/mai 2003 (22.05.2003)
- (54) • AGENT USING DETAILED PREDICTIVE MODEL
• AGENT UTILISANT UN MODELE PREDICTIF DETAILLE
- (71) **SAP AKTIENGESELLSCHAFT** [DE/DE]; Intellectual Property Department, Neurotstr. 16, 69190 Walldorf (DE).
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- (74) **MOLLBORN, Fredrik**; Fish & Richardson P.C., 500 Arguello Street #500, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F**
- (11) **WO 03/042794** (13) A2
(21) PCT/US02/36839
- (22) **15 Nov/nov 2002 (15.11.2002)**
- (25) en (26) en
- (30) 60/332,348 **15 Nov/nov 2001 US (15.11.2001)**
- (30) 60/332,351 **15 Nov/nov 2001 US (15.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND APPARATUS FOR CREATING INVESTMENT ADVICE MARKETPLACE AND FOR PROVIDING INVESTMENT ADVICE TO MULTIPLE INVESTORS
• PROCEDE ET APPAREIL POUR CREER UN MARCHE DE CONSEILS EN INVESTISSEMENT ET POUR FOURNIR DES CONSEILS EN INVESTISSEMENT A PLUSIEURS INVESTISSEURS
- (71) **FOLIOFN, INC.** [US/US]; 8000 Towers Crescent Drive, 16th Floor, Vienna, VA 22182 (US).
- (72) **WALLMAN, Steven, M., H.**; 9332 Ramey Lane, Great Falls, VA 22066-2025 (US).
- (74) **FORTKORT, Michael, P.**; Mayer Fortkort & Williams, PC, 251 North Avenue West, 2nd Floor, 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F**
- (11) **WO 03/042796** (13) A2
(21) PCT/US02/36867
- (22) **15 Nov/nov 2002 (15.11.2002)**
- (25) en (26) en
- (30) 60/335,605 **15 Nov/nov 2001 US (15.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SHIPPING SHARED SERVICES POSTAGE INDICIA
• EXPEDITION DE MARQUES D'AFRANCHISSEMENT A SERVICES COMMUNS
- (71) **UNITED STATES POSTAL SERVICE** [US/US]; 475 L'Enfant Plaza, S.W., Washington, DC 20260 (US).
- (72) **STICKLER, Vantresa, Scott**; 2161 Scotts Crossing Ct. #002, Annapolis, MD 21401 (US). **WANISH, Paul**; 38 Windmill Road, Poughkeepsie, NY 12601 (US). **CONNELL, Richard, A.**; 205 Brookletts Ave., Easton, MD 21601 (US). **MORGAN, Pamela**; 4710 Waverly Ave., Garrett Park, MD 20896 (US). **HURD, Jonathan, J., Jr.**; 2220 Mangrove Dr., Lexington, KY 40513 (US). **GULLO, John**; 5532 Jowett Court, Alexandria, VA 22315 (US).
- (74) **MLACHAK, Ivan, J.**; Lewis & Roca, LLP, Suite 1900, 40 N. Central Avenue, Phoenix, AZ 85004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 1/00**
- (11) **WO 03/042797** (13) A2
(21) PCT/DE02/04174
- (22) **11 Nov/nov 2002 (11.11.2002)**
- (25) de (26) de
- (30) 101 55 651.9 **13 Nov/nov 2001 DE (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CONTROL DEVICE FOR A CABIN SYSTEM IN AN AIRPLANE
• DISPOSITIF DE COMMANDE POUR UN SYSTEME DE CABINE D'AVION
- (71) **KID-SYSTEME GMBH** [DE/DE]; Lüneburger Schanze 30, 21614 Buxtehude (DE).
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- (72, 75) **RIEDEL, Christian** [DE/DE]; Taubenkamp 6, 21640 Bliedersdorf (DE). **REINHOLD, Thorsten** [DE/DE]; Weberstrasse 7, 21614 Buxtehude (DE). **ENDRESS, Manfred** [DE/DE]; Altländerstrasse 32, 21614 Buxtedhude (DE).
- (74) **HANSMANN, Dierk**; Jessenstrasse 4, 22767 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 1/00**
- (11) **WO 03/042798** (13) A2
(21) PCT/GB02/04970

- (22) 4 Nov/nov 2002 (04.11.2002)
(25) en (26) en
(30) 10/007,859 13 Nov/nov 2001 US (13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHODS, APPARATUS AND COMPUTER PROGRAMS PERFORMING A MUTUAL CHALLENGE-RESPONSE AUTHENTICATION PROTOCOL USING OPERATING SYSTEM CAPABILITIES
• PROCEDE, APPAREIL ET PROGRAMMES INFORMATIQUES REALISANT UN PROTOCOLE D'AUTHENTIFICATION PAR DEFI-REPOSE MUTUEL AU MOYEN DES CAPACITES DU SYSTEME D'EXPLOITATION
(71) INTERNATIONAL BUSINESS MACHINES 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) ASTLEY, Mark; 18 Beacon Hill, Pompton Lakes, NJ 07442 (US). YOUNG, Neil, George, Stanley; 41 Blenheim Avenue, Highfield, Southampton, Hampshire SO17 1DW (GB).
(74) LITHERLAND, David, Peter; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 1/00
(11) WO 03/042799 (13) A2
(21) PCT/IB02/04620
(22) 5 Nov/nov 2002 (05.11.2002)
(25) en (26) en
(30) 01811093.2 14 Nov/nov 2001 EP (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • DEVICE AND METHOD WITH REDUCED INFORMATION LEAKAGE
• DISPOSITIF ET PROCEDE POUR LIMITER LA FUITE D'INFORMATIONS
(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NJ 10504 (US).
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(72, 75) BAENTSCH, Michael [DE/CH]; Wildenbuehlstrasse 13, CH-8135 Langnau am Albis (CH). BUHLER, Peter [DE/CH]; Muehlestrasse 39, CH-8803 Rueschlikon (CH). EIRICH, Thomas [DE/CH];

- Robert-Walser-Strasse 50, CH-8820 Wädenswil (CH). HOERING, Frank [DE/CH]; Culmannstrasse 39, CH-8006 Zurich (CH). OESTREICHER, Marcus [DE/CH]; Kalkbreitestrasse 120, CH-8003 Zurich (CH). WEIGOLD, Thomas, D. [DE/CH]; Buttenaustasse 20, CH-8134 Adliswil (CH).
(74) TOLETTI, Martin; International Business Machines Corporation, Saemmerstrasse 4 / Postfach, CH-8803 Rueschlikon (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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 1/32, H04L 12/10, G08C 19/02
(11) WO 03/042800 (13) A1
(21) PCT/EP02/12471
(22) 8 Nov/nov 2002 (08.11.2002)
(25) de (26) de
(30) 101 55 189.4 12 Nov/nov 2001 DE (12.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD FOR REGULATING THE POWER SUPPLY OF A NUMBER OF FIELD DEVICES
• PROCEDE DE REGULATION DE L'ALIMENTATION EN COURANT DE PLUSIEURS APPAREILS DE CHAMPS
(71) ENDRESS + HAUSER GMBH+CO. KG [DE/DE]; Hauptstrasse 1, 79689 Maulburg (DE).
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(72, 75) MAIER, Stefan [DE/DE]; Am Nottenberg 8, 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 CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
(51)⁷ G06F 1/32, 1/16, H04M 1/04
(11) WO 03/042801 (13) A1
(21) PCT/IB02/04748
(22) 12 Nov/nov 2002 (12.11.2002)
(25) en (26) en

- (30) 09/992,601 13 Nov/nov 2001 US (13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • BACKLIGHT SYSTEM ARCHITECTURE FOR MOBILE DISPLAY SYSTEM
• ARCHITECTURE D'UN SYSTEME D'ECLAIRAGE EN CONTRE-JOUR POUR SYSTEME D'AFFICHAGE MOBILE
(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(72) ADLER, Glenn, J.; 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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-
- (51)⁷ G06F 3/00
(11) WO 03/042802 (13) A2
(21) PCT/EP02/12918
(22) 18 Nov/nov 2002 (18.11.2002)
(25) de (26) de
(30) 101 56 457.0 16 Nov/nov 2001 DE (16.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • INPUT DEVICE, WEBCAM AND SCREEN HAVING A VOICE INPUT FUNCTION
• APPAREIL DE SAISIE, WEBCAM ET ECRAN A FONCTION D'ENTREE VOCALE
(71) 3DCONNEXION GMBH [DE/DE]; An der Hartmühle 8, 82229 Seefeld (DE).
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(72, 75) GOMBERT, Bernd [DE/DE]; 3Dconnexion GmbH, An der Hartmühle 8, 82229 Seefeld (DE).
(74) RUPP, Christian; Mitscherlich & Partner, Postfach 33 06 09, 80066 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 3/02, 3/023, H04M 1/23, 1/02

(11) WO 03/042803 (13) A1

(21) PCT/JP02/12341

(22) 25 Nov/nov 2002 (25.11.2002)

(25) ja (26) ja

(30) 2002-252212 30 Aug/août 2002 JP (30.08.2002)

(30) 2002/316987 31 Oct/oct 2002 JP (31.10.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ULTRA HIGH-SPEED CHARACTER INPUT DEVICE OF CELLULAR TELEPHONE

• DISPOSITIF DE SAISIE DE CARACTERES ULTRA-RAPIDE DE TELEPHONE CELLULAIRE

(71, 72) TANAKA, Katsuzo [JP/JP]; 40-15, hokuyo-mati, Nagasaki-shi, Nagasaki 852-8064 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 3/033

(11) WO 03/042804 (13) A1

(21) PCT/FI01/01001

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • EXTENDED KEYBOARD

• CLAVIER AGRANDI

(71) MYORIGO OY [FI/FI]; Kasarmintie 28 H 25, FIN-90230 Oulu (FI).

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(74) PATENT AGENCY COMPATENT LTD.; Hämeentie 29, 4th Fl., FIN-00500 Helsinki (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 3/033, G06K 11/18

(11) WO 03/042805 (13) A1

(21) PCT/FI02/00889

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) 20012187 12 Nov/nov 2001 FI (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND DEVICE FOR GENERATING FEEDBACK

• PROCEDE ET DISPOSITIF DE PRODUCTION DE REACTIONS

(71) MYORIGO OY [FI/FI]; Kasarmintie 28 H 25, FIN-90230 OULU (FI).

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(72, 75) MOILANEN, Hannu [FI/FI]; Myorigo Oy (Ltd.), Kasarmintie 28 H 25, FIN-90230 Oulu (FI). KAMPAN, Ville [FI/FI]; Myorigo Oy (Ltd.), Kasarmintie 28 H 25, FIN-90230 Oulu (FI). VÄÄNÄNEN, Johannes [FI/FI]; Myorigo Oy (Ltd.), Kasarmintie 28 H 25, FIN-90230 Oulu (FI).

(74) PATENT AGENCY COMPATENT LTD.; Hämeentie 20, 4th Floor, FIN-00500 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 3/033

(11) WO 03/042806 (13) A1

(21) PCT/KR02/02109

(22) 11 Nov/nov 2002 (11.11.2002)

(25) ko (26) en

(30) 2001/34627 12 Nov/nov 2001 KR (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • COMPUTER MOUSE

• SOURIS D'ORDINATEUR

(71, 72) Kim, Yuh-il [KR/KR]; 502-902, Keoyo Apt., 294, Keoyo2-dong, Songpa-ku, 138-905 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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(51)⁷ G06F 3/033, G06K 11/18

(11) WO 03/042807 (13) A1

(21) PCT/NO01/00447

(22) 12 Nov/nov 2001 (12.11.2001)

(25) no (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • CONTROL DEVICE (MOUSE) FOR COMPUTER

• DISPOSITIF DE COMMANDE (SOURIS) CONÇU POUR UN ORDINATEUR

(71, 72) JENSSEN, Ken, Alvin [NO/NO]; Gammeltrøa 6, N-6523 Frei (NO).

(74) CURO AS; P.O. Box 38, N-7231 Lundamo (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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 3/033

(11) WO 03/042808 (13) A1

(21) PCT/RU02/00475

(22) 31 Oct/oct 2002 (31.10.2002)

(25) ru (26) ru

(30) 2001130890 13 Nov/nov 2001 RU (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DATA ENTERING DEVICE

• DISPOSITIF D'ENTREE DE DONNEES

(71, 72) SAVIN, Vadim Georgievich [RU/RU]; ul. Kirova, 37-28, Podolsk, Moskovskaya obl, 142110 (RU).

(74) EGOROVA, Galina Borisovna et al. / etc.; "Gorodissky & Partners Law Firm" Ltd., ul. Bolshaya Spasskaya, 25-3, Moscow, 129010 (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 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 3/12, 13/00

(11) WO 03/042809 (13) A1

(21) PCT/JP02/11410

(22) 31 Oct/oct 2002 (31.10.2002)

(25) ja (26) ja

(30) 2001-347731 13 Nov/nov 2001 JP
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • IMAGE/SOUND OUTPUT SYSTEM

• SYSTEME DE SORTIE SONORE/D'IMAGES

(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) NAKAOKA, Yasushi [JP/JP]; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). MUKAIYAMA, Masanori [JP/JP]; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). MIYAZAWA, Satoshi [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 US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51) G06F 5/06, 9/46

(11) WO 03/042810 (13) A1

(21) PCT/IB02/04502

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 01204331.1 13 Nov/nov 2001 EP
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • P- AND V-SEMAPHORE OPERATION

• OPERATION DE SEMAPHORE P ET V

(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) HOOGERBRUGGE, Jan [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). STRAVERS, Paul [NL/NL]; 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 OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 5/06

(11) WO 03/042811 (13) A1

(21) PCT/IB02/04510

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 01204332.9 13 Nov/nov 2001 EP
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • EFFICIENT FIFO COMMUNICATION USING SEMAPHORES

• COMMUNICATION FIFO EFFICACE AU MOYEN DE SEMAPHORES

(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) HOOGERBRUGGE, Jan [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). STRAVERS, Paul [NL/NL]; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 7/00

(11) WO 03/042812 (13) A2

(21) PCT/FR02/03652

(22) 24 Oct/oct 2002 (24.10.2002)

(25) fr (26) fr

(30) 01/14785 15 Nov/nov 2001 FR
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND SYSTEM FOR MAKING SECURE A PSEUDO-RANDOM GENERATOR

• PROCEDE ET SYSTEME POUR SECURISER UN GENERATEUR PSEUDO-ALEATOIRE

(71) EVERBEE NETWORKS [FR/FR]; 41, boulevard des Capucines, F-75002 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEHLE, Jean-Luc [FR/FR]; 300, rue de Vaugirard, F-75015 Paris (FR).

(74) GRYNWALD, Albert; Cabinet Grynwald, 127, rue du faubourg poissonnière, 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 7/00

(11) WO 03/042813 (13) A2

(21) PCT/FR02/03653

(22) 24 Oct/oct 2002 (24.10.2002)

(25) fr (26) fr

(30) 01/14785 15 Nov/nov 2001 FR
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR GENERATING RANDOM NUMBERS

• PROCEDE POUR GENERER DES NOMBRES ALEATOIRES

(71) EVERBEE NETWORKS [FR/FR]; 41, boulevard des Capucines, F-75002 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEHLE, Jean-Luc [FR/FR]; 300, rue de Vaugirard, F-75015 Paris (FR).

(74) GRYNWALD, Albert; Cabinet Grynwald, 127, rue du Faubourg Poissonnière, 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 7/06

(11) WO 03/042814 (13) A2

(21) PCT/EP02/12830

(22) 15 Nov/nov 2002 (15.11.2002)

(25) de (26) de

(30) 101 56 271.3 16 Nov/nov 2001 DE
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM AND METHOD FOR DETECTING AND REWARDING THE RETURN OF A SUPERMARKET TROLLEY OR A LUGGAGE TROLLEY TAKEN FROM A TROLLEY PARK

- SYSTEME ET PROCEDE PERMETTANT DE DETECTER ET DE RECOMPENSER LE RETOUR D'UN CHARIOT DE SUPERMARCHE OU D'UN CHARIOT A BAGAGES PRIS SUR UN SITE DE RANGEMENT
- (71) **SYSTEC POS-TECHNOLOGY GMBH** [DE/DE]; Lindberghstrasse 8, 82178 Puchheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WIETH, Franz** [DE/DE]; Lindberghstrasse 8, 82178 Puchheim (DE). **SONNENDORFER, Horst** [DE/DE]; Lindberghstrasse 8, 82178 Puchheim (DE).
- (74) **KAISER, Magnus**; Postfach 11 08 47, 76058 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F 7/72**
- (11) **WO 03/042815** (13) A1
- (21) PCT/FR02/03269
- (22) **25 Sep/sep 2002 (25.09.2002)**
- (25) fr (26) fr
- (30) 0113075 **10 Oct/oct 2001 FR (10.10.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **METHOD, DEVICE AND PROGRAMME FOR EXPONENTIATING AN INDEPENDENT VARIABLE TO THE POWER OF A HIGH EXPONENT**
• **PROCEDE, DISPOSITIF ET PROGRAMME POUR ELEVER UN ARGUMENT A UNE PUISSANCE DE GRAND EXPOSANT**
- (71) **FRANCE TELECOM** [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VALLEE, Luc** [FR/FR]; La Dime, F-14190 Brettville le Rabet (FR).
- (74) **DIOU, Jean-Marc et al.** / etc.; 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ **G06F 9/00**
- (11) **WO 03/042816** (13) A2
- (21) PCT/IB02/04531
- (22) **28 Oct/oct 2002 (28.10.2002)**
- (25) en (26) en
- (30) 01204330.3 **13 Nov/nov 2001 EP (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **ENTRY LOCKING FOR LARGE DATA STRUCTURES**
• **VERROUILLAGE D'ENTREE POUR GRANDES STRUCTURES 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) **HOOGERBRUGGE, Jan** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **STRAVERS, Paul** [NL/NL]; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F 9/00**
- (11) **WO 03/042817** (13) A2
- (21) PCT/US02/36394
- (22) **14 Nov/nov 2002 (14.11.2002)**
- (25) en (26) en
- (30) 09/992,558 **14 Nov/nov 2001 US (14.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **METHOD AND APPARATUS FOR LINKING CONVERTED APPLETT FILES WITHOUT RELOCATION ANNOTATIONS**
• **PROCEDE ET DISPOSITIF SERVANT A RELIER DES FICHIERS DE MINI-APPLICATION CONVERTIS SANS ANNOTATIONS DE RELOCALISATION**
- (71) **SCHLUMBERGER SYSTEMES S.A.** [FR/FR]; 50, Avenue Jean-Jaurès, F-92120 Montrouge (FR).
(only for / seulement pour FR)
- (71) **SCHLUMBERGER TECHNOLOGIES OPERATING LIMITED** [—/—]; Brewley Building, P.O. Box 3359, Road Town, Tortola (VG).
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- (72, 75) **KRISHNA, Ksheerabdh** [IN/US]; 2831 Little Elm Trail, Cedar Park, TX 78613 (US). **WILKINSON, Tim** [GB/US]; 2110a Vine Street, Berkeley, CA 94709 (US). **PREVOST, Sylvain** [FR/US]; 12703 Hupa Circle, Austin, TX 78729 (US). **BURIANNE, Yannick** [FR/FR]; 1 Allée des Noisetiers, F-92140 Clamart (FR).
- (74) **JANSSON, Pehr**; Schlumberger Austin Technology Center, Intellectual Property Law Department, 8311 North FM 620 Road, Austin, TX 78726 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 9/06, 9/445, 13/00**
- (11) **WO 03/042818** (13) A1
- (21) PCT/JP01/09868
- (22) **12 Nov/nov 2001 (12.11.2001)**
- (25) ja (26) ja
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **TERMINAL APPARATUS, SERVER, COMPUTER-EXECUTED INFORMATION PROCESSING METHOD, PROGRAM AND MEDIUM**
• **APPAREIL TERMINAL, SERVEUR, PROCEDE DE TRAITEMENT D'INFORMATIONS EXECUTE PAR ORDINATEUR, PROGRAMME ET SUPPORT**
- (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) **TANIGUCHI, Shigeki** [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **YAMAMOTO, Mitsuhiro** [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) **TOYAMA, Tsutomu et al.** / etc.; Yokoyama Building 6th floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

- MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT TZ
UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE 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 03/042819 (13) A1
- (21) PCT/US02/34955
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 10/054,577 13 Nov/nov 2001 US
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND APPARATUS FOR IN-
TERFACING A PROCESSOR TO A CO-
PROCESSOR
- PROCEDE ET DISPOSITIF D'INTER-
FAÇAGE D'UN PROCESSEUR ET
D'UN COPROCESSEUR
- (71) MOTOROLA, INC. [US/US]; 1303 East
Algonquin Road, Schaumburg, IL 60196
(US).
- (72) MOYER, William, C.; 1005 Pier Branch
Road, Dripping Springs, TX 78620 (US).
- (74) KOCH, William, E.; Motorola, Inc., Cor-
porate Law Department, Intellectual Property
Section, 7700 West Parmer Lane, MD:
TX32/PL02, Austin, TX 78729 (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 TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 9/40
- (11) WO 03/042820 (13) A2
- (21) PCT/EP02/12488
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) de (26) de
- (30) 101 56 036.2 15 Nov/nov 2001 DE
(15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND DEVICE FOR PRO-
CESSING DATA
- PROCEDE ET DISPOSITIF DE TRAITE-
MENT DE DONNEES
- (71) EVOTEC OAI AG [DE/DE]; Schnack-
enburgallee 114, 22525 Hamburg (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) SCHMIDT, Regina [DE/DE]; Frickestr.
81, 20251 Hamburg (DE). PETERS, Hauke
[DE/DE]; Schaltstation 15, 24783 Osterrön-
feld (DE).
- (74) VON KIRSCHBAUM, Alexander et al.
/ etc.; Von Kreisler Selting Werner, Deich-
mannhaus am Dom, 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 EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 9/44
- (11) WO 03/042821 (13) A2
- (21) PCT/DK02/00756
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) PA 2001 01677 12 Nov/nov 2001 DK
(12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A METHOD AND SYSTEM FOR CON-
FIGURATION OF BUSINESS OBJECT
TYPES BY USE OF BUSINESS OBJECT
PATTERNS
- PROCEDE ET SYSTEME DE CONFU-
GURATION DE TYPES D'OBJETS
COMMERCIAUX A L'AIDE DE MO-
TIFS D'OBJETS COMMERCIAUX
- (71) MICROSOFT BUSINESS SOLUTIONS
APS [DK/DK]; Frydenlunds Allé 6, DK-2950
Vedbæk (DK).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) SCHELLER, Christian, Vibe
[DK/DK]; Grønnevej 30, DK-2830 Virum
(DK).
- (74) PLOUGMANN & VINGTOFT A/S; Sund-
krogsgade 9, P.O. Box 831, DK-2100 Copen-
hagen Ø (DK).
- (81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SD SE SG SI SK (Utility model /
modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 9/44, 9/46
- (11) WO 03/042822 (13) A1
- (21) PCT/US02/31896
- (22) 4 Oct/oct 2002 (04.10.2002)
- (25) en (26) en
- (30) 60/332,925 14 Nov/nov 2001 US
(14.11.2001)
- (30) 10/122,071 12 Apr/avr 2002 US
(12.04.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND APPARATUS FOR
FACILITATING COMPACT OBJECT
HEADERS
- PROCEDE ET DISPOSITIF FACILI-
TANT L'ELABORATION D'EN-TETES
D'OBJETS COMPACTS
- (71) SUN MICROSYSTEMS, INC. [US/US];
4150 Network Circle, Santa Clara, CA 95054
(US).
- (72) BAK, Lars; Ellevej 2, DK-8310 Tranbjerg
J. (DK). GRARUP, Steffan; 67 Del Monte
Ave., Los Altos, CA 94022 (US).
- (74) PARK, Richard; 508 Second St., Ste. 201,
Davis, CA 95616 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 9/44
- (11) WO 03/042823 (13) A1
- (21) PCT/US02/36984
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (30) 60/332,345 14 Nov/nov 2001 US
(14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND SYSTEM FOR SOFT-
WARE APPLICATION DEVELOP-
MENT AND CUSTOMIZABLE RUN-
TIME ENVIRONMENT
- PROCEDE ET SYSTEME DESTINES
AU DEVELOPPEMENT D'UNE AP-
PLICATION LOGICIELLE ET A UN
ENVIRONNEMENT D'EXECUTION
PERSONNALISABLE
- (71) EXEGESYS, INC. [US/US]; 144 South 500
East, Salt Lake City, Utah 84102 (US).
- (72) SEAMAN, Christopher, G.; 9727 S. Skye
Park Road, South Jordan, Utah 84095 (US).
JAMES, Bruce, Alan; 1555 E. Parkridge
Drive, Salt Lake City, UT 84121 (US).
QUINN, Steven, J.; 659 West Halifax Court,
Farmington, UT 84025 (US). DORIUS,
Paul, F.; 8870 North Silver Spur Road, Park
City, UT 84098 (US). PETERSEN, Scott,
T.; 1238 East Eagle Way, Fruit Heights, UT
84037, Utah 84037 (US). MILLER, Keven,
D.; 484 E. 700 North, Orem, UT 84097 (US).
- (74) SADLER, Lloyd, W. et al. / etc.; Parsons,
Behle & Latimer, 201 South Main Street,
Suite 1800, 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 EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW ZD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 9/45, 12/02

(11) WO 03/042824 (13) A1

(21) PCT/US02/31895

(22) 4 Oct/oct 2002 (04.10.2002)

(25) en (26) en

(30) 60/332,925 14 Nov/nov 2001 US
(14.11.2001)

(30) 10/121,899 12 Apr/avr 2002 US
(12.04.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • LAZY TYPE TAGGING IN COM-
PILED ACTIVATION FRAMES
FOR GARBAGE COLLECTION IN
MIXED-MODE SYSTEMS WITH IN-
TERPRETER AND COMPILER

• ASSIGNATION PARESSEUSE DE
DESCRIPTEUR DANS DES BLOCS
D'ACTIVATION COMPILEES POUR
RECUEILLIR DES INFORMATIONS
SUPERFLUES DANS DES SYSTEMES
MIXTES COMPORTANT UN INTER-
PRETE ET UN COMPILATEUR

(71) SUN MICROSYSTEMS, INC. [US/US];
4150 Network Circle, Santa Clara, CA 95054
(US).

(72) LUND, Kasper; Saltholmsgade 30 st. th.,
DK-8000 Aarhus C. (DK). BAK, Lars;
Ellevej 2, DK-8310 Tranbjerg J. (DK).

(74) PARK, Richard; 508 Second St., Ste. 201,
Davis, CA 95616 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 9/45

(11) WO 03/042825 (13) A1

(21) PCT/US02/31897

(22) 4 Oct/oct 2002 (04.10.2002)

(25) en (26) en

(30) 60/332,925 14 Nov/nov 2001 US
(14.11.2001)

(30) 10/122,027 12 Apr/avr 2002 US
(12.04.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS FOR
DYNAMICALLY COMPILING BYTE
CODES INTO NATIVE CODE

• PROCEDE ET DISPOSITIF POUR LA
COMPILATION DYNAMIQUE DE
CODES A OCTET SOUS FORME DE
LANGAGE NATIF

(71) SUN MICROSYSTEMS, INC. [US/US];
4150 Network Circle, Santa Clara, CA 95054
(US).

(72) BAK, Lars; Ellevej 2, DK-8310 Tranbjerg J.
(DK).

(74) PARK, Richard; 508 Second St., Ste. 201,
Davis, CA 95616 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 11/10

(11) WO 03/042826 (13) A2

(21) PCT/GB02/05123

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 10/003,602 14 Nov/nov 2001 US
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ERROR CORRECTING MEMORY AND
METHOD OF OPERATING SAME

• MEMOIRE DE CORRECTION D'ER-
REURS ET PROCEDE DE MISE EN
OEUVRE DE LA MEMOIRE

(71) MONOLITHIC SYSTEM TECHNOL-
OGY, INC [US/US]; 1020 Stewart Drive,
Sunnyvale, CA 94085-3914 (US).

(71) FREEMAN, Jacqueline, Carol [GB/GB];
W.P. Thompson & Co., Celcon House,
289-293 High Holborn, London WC1V 7HU
(GB).

(only for / seulement pour MG)

(72) LEUNG, Wingyu; 10450 Orange Avenue,
Cupertino, CA 95014 (US). HSU, Fu-Chieh;
21775 Congress Hall Lane, Saratoga, CA
95070-9714 (US).

(74) FREEMAN, Jacqueline, Carol; W.P.
Thompson & Co., Celcon House, 289-293
High Holborn, London WC1V 7HU (GB).

(81) JP MG.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G06F 11/16

(11) WO 03/042827 (13) A2

(21) PCT/FR02/03135

(22) 13 Sep/sep 2002 (13.09.2002)

(25) fr

(26) fr

(30) 01/12812 5 Oct/oct 2001 FR
(05.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD OF WRITING INFORMA-
TION IN A MEMORY UNIT, THE
ASSOCIATED READING METHOD
AND THE ASSOCIATED DEVICE FOR
MANAGING A MEMORY UNIT

• PROCEDE D'ECRITURE D'UNE IN-
FORMATION DANS UNE MEMOIRE,
PROCEDE DE LECTURE ASSOCIE
ET DISPOSITIF DE GESTION D'UNE
MEMOIRE ASSOCIE

(71) GEMPLUS [FR/FR]; Avenue du Pic de
Bertagne, Parc d'Activités de GEMENOS,
F-13420 Gémenos (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MILLARD, Jean-Philippe [FR/FR];
La Pastourelle, Route de Violési, F-13480
Cabries (FR). OHANIAN, Henri [FR/FR];
4 bis chemin de Font de Guiraud, F-13600
Ceyreste (FR).

(74) PELLEGRINI, Marie-Claude; C/O GEM-
PLUS, Service brevets, BP 100, F-13881 Gé-
menos 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 TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 11/22

(11) WO 03/042828 (13) A2

(21) PCT/US02/35681

(22) 6 Nov/nov 2002 (06.11.2002)

(25) en (26) en

(30) 60/337,734 9 Nov/nov 2001 US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS FOR
FIXING BIT ERRORS ENCOUNTERED
DURING CACHE REFERENCES WITH-
OUT BLOCKING

• PROCEDE ET APPAREIL POUR COR-
RIGER LES ERREURS BINAIRES
RENCONTREES LORS DES CONSUL-
TATIONS DANS L'ANTEMEMOIRE
SANS BLOCAGE

(71) SUN MICROSYSTEMS, INC. [US/US];
4150 Network Circle, Santa Clara, CA 95054
(US).

(72) TREMBLAY, Marc; 140 Hanna Way,
Menlo Park, CA 94025 (US). CHAUDHRY,
Shailender; 680 Mission St. Apt 22F, San
Francisco, CA 94105 (US).

(74) PARK, Richard; Suite 201, 508 Second
Street, Davis, CA 95616 (US).

(81) JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G06F 11/22

(11) WO 03/042829 (13) A2

(21) PCT/US02/35946

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 09/992,725 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS FOR ENUMERATION OF A MULTI-NODE COMPUTER SYSTEM

• PROCEDE ET APPAREIL PERMETTANT D'EFFECTUER UNE ENUMERATION DANS UN SYSTEME INFORMATIQUE MULTINOEU

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) CEN, Ling; 12009 Nevada Drive, Austin, TX 78738 (US).

(74) MALLIE, Michael, J.; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 11/30, A63F 13/00, H04K 1/00

(11) WO 03/042830 (13) A1

(21) PCT/US02/36690

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/338,361 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD OF VERIFYING ENTITLEMENT TO PARTICIPATE IN A GAMING EVENT FROM A REMOTE LOCATION

• PROCEDE DE VERIFICATION DU DROIT DE PARTICIPER A UN JEU DE PARIS, DEPUIS UN ENDROIT HORS SITE

(71) IGT [US/US]; A Nevada Corporation, 9295 Prototype Drive, Reno, NV 89521 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) ROWE, Richard, E. [US/US]; 2600 S. Town Center Dr., Apt. 1162, Bldg. 41, Las Vegas, NV 89135 (US). OBERBERGER, Michael, M. [US/US]; 4591 Lynnfield Court, Reno, NV 89509 (US).

(74) WEIDE, R., Scott; Weide & Miller, Ltd., Suite 1130, 330 South 3rd Street, Las Vegas, NV 89101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 11/34, 17/60

(11) WO 03/042831 (13) A1

(21) PCT/ES02/00524

(22) 12 Nov/nov 2002 (12.11.2002)

(25) es (26) es

(30) P 0102516 14 Nov/nov 2001 ES (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • AUTOMATIC SYSTEM FOR INFERRING DATA RELATING TO ITEMS OF INFORMATION VISIBLE ON NAVIGATION SCREENS WHICH ARE ACCESSED FROM COMMUNICATION TERMINALS

• SYSTEME AUTOMATIQUE D'INFERENCE DE DONNEES RELATIVES A DES INFORMATIONS VISIBLES SUR DES ECRANS DE NAVIGATION QUE L'ON ACCEDe A PARTIR DE TERMINAUX DE COMMUNICATION

(71) CUENDE ASOCIADOS, ANALISTAS DE GESTION PUBLICITARIA, S.A. [ES/ES]; Pasco de la Castellana, 135-17A, E-28046 Madrid (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CUENDE ALONSO, Daniel [ES/ES]; Calle Lavanda, 11, E-28230 Las Rozas (ES).

(74) UNGRIA LOPEZ, Javier; Avda. Ramón y Cajal, 78, E-28043 Madrid (ES).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G06F 11/34

(11) WO 03/042832 (13) A1

(21) PCT/US02/30261

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) 10/008,098 13 Nov/nov 2001 US (13.11.2001)

(30) 10/242,881 12 Sep/sep 2002 US (12.09.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MANAGING PERFORMANCE METRICS DESCRIBING A RELATIONSHIP BETWEEN A PROVIDER AND A CLIENT

• GESTION DE MESURES DE PERFORMANCES DECRIVANT LA RELATION

ENTRE UN PRESTATATAIRE DE SERVICES ET UN CLIENT

(71) ELECTRONIC DATA SYSTEMS CORPORATION [US/US]; 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).

(72) COUCHOT, John, T.; 4702 Ivyleaf Lane, McKinney, TX 75070 (US). DAVEY, John, R.; 3313 Pinehurst Drive, Plano, TX 75075 (US). DONOVAN, Joseph, M.; 3750 Fourth Avenue, San Diego, CA 92103 (US). HALL, James, D.; 2501 Ohio Drive, Apt. 438, Plano, TX 75093 (US). WETZEL, Laura, L.; 5601 Rock Canyon Road, The Colony, TX 75056 (US).

(74) LINEBERRY, Allen, Scott; EDS, 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 12/00, 15/16, 15/04

(11) WO 03/042833 (13) A1

(21) PCT/US02/33806

(22) 21 Oct/oct 2002 (21.10.2002)

(25) en (26) en

(30) 10/039,465 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM AND METHOD FOR NETWORK AND APPLICATION TRANSPARENT DATABASE ACCELERATION
• SYSTEME ET PROCEDE D'ACCELERATION DE BASES DE DONNEES TRANSPARENTE VIS A VIS DU RESEAU ET DE L'APPLICATION

(71) NEXTGIG, INC. [US/US]; 10180 Telesis Court, Suite 200, San Diego, CA 92121-2741 (US).

(72) JARDIN, Cary; 12662 Sabre View Cove, San Diego, CA 92128 (US).

(74) GARRED, John; Arter & Hadden LLP, 1100 Huntington Building, 925 Euclid Avenue, Cleveland, OH 44115-1475 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ G06F 12/00
 (11) WO 03/042834 (13) A2
 (21) PCT/US02/36479
 (22) 13 Nov/nov 2002 (13.11.2002)
 (25) en (26) en
 (30) 10/003,170 14 Nov/nov 2001 US (14.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • MEMORY ADAPTED TO PROVIDE DEDICATED AND OR SHARED MEMORY TO MULTIPLE PROCESSORS AND METHOD THEREFOR
 • MEMOIRE CONÇUE DE MANIERE A OFFRIR UNE MEMOIRE SPECIALISEE OU UNE MEMOIRE PARTAGEE A DES PROCESSEURS MULTIPLES ET PROCEDE CONNEXE
 (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
 (72) MATTER, Eugene; 201 Oxleigh Way, Folsom, CA 95630 (US). GANESAN, Ramkarthik; 1219 Galston Drive, Folsom, CA 95630 (US).
 (74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 12/06, 12/08, 9/45
 (11) WO 03/042836 (13) A1
 (21) PCT/JP01/10035
 (22) 16 Nov/nov 2001 (16.11.2001)
 (25) ja (26) ja
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • COMPUTER AND MEMORY CONTROL METHOD
 • ORDINATEUR ET PROCEDE DE COMMANDE DE MEMOIRE
 (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) ONODERA, Satoshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
 (74) TAKEUCHI, Susumu; 8 Floor, Shimizu Building, 25-47, Nishi-Shinbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).
 (81) JP US.
-
- (51)⁷ G06F 12/02, 9/44, 11/36
 (11) WO 03/042835 (13) A1
 (21) PCT/US02/31894
 (22) 4 Oct/oct 2002 (04.10.2002)
 (25) en (26) en
 (30) 60/332,925 14 Nov/nov 2001 US (14.11.2001)
 (30) 10/121,875 12 Apr/avr 2002 US (12.04.2002)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • NON-INTRUSIVE GATHERING OF CODE USAGE INFORMATION TO FACILITATE REMOVING UNUSED COMPILED CODE
 • COLLECTE NON-INTRUSIVE D'INFORMATIONS D'UTILISATION DE CODE POUR FACILITER L'ELIMINATION D'UN CODE COMPILE NON UTILISE
 (71) SUN MICROSYSTEMS INC. [US/US]; 4150 Network Circle, Santa Clara, CA 95054 (US).
 (72) BAK, Lars; Ellevej 2, DK-8310 Tranbjerg J. (DK). ANDERSEN, Jacob; Hjelmensgade 2 tv., Aarhus C., DK- (DK). LUND, Kasper; Saltholmsgade 30 st.the., 8000 Aarhus C., DK- (DK).
 (74) PARK, Richard; 508 Second St., Ste. 201, Davis, CA 95616 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 12/08
 (11) WO 03/042838 (13) A2
 (21) PCT/US02/34684
 (22) 30 Oct/oct 2002 (30.10.2002)
 (25) en (26) en
 (30) 10/011,115 13 Nov/nov 2001 US (13.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • VICTIM INVALIDATION
 • INVALIDATION DE VICTIME
 (71) SUN MICROSYSTEMS, INC. [US/US]; 4150 Network Circle, Santa Clara, CA 95054 (US).
 (72) SHANAHAN, Patricia; 10662 Stanwell Court, San Diego, CA 92126 (US). PHELPS, Andrew, E.; 1811 Autumn Place, Encinitas, CA 92024 (US). ANESHANSLEY, Nicholas, E.; 11382 Penanova Street, San Diego, CA 92129 (US).
 (74) CONLEY, ROSE & TAYON, P.C.; KIVLIN, B. Noel, P.O. Box 398, Austin, TX 78767-0398 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 12/14, 12/10
 (11) WO 03/042839 (13) A2
 (21) PCT/US02/28984
 (22) 12 Sep/sep 2002 (12.09.2002)
 (25) en (26) en
 (30) 10/010,161 13 Nov/nov 2001 US (13.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • MEMORY MANAGEMENT SYSTEM AND METHOD PROVIDING LINEAR ADDRESS BASED MEMORY ACCESS SECURITY
 • SYSTEME DE GESTION DE LA MEMOIRE ET PROCEDE OFFRANT UNE SECURITE D'ACCES A LA MEMOIRE FONDEE SUR UNE ADRESSE LINEAIRE
 (71) ADVANCED MICRO DEVICES, INC. [US/US]; One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).
 (72) BARNES, Brian, C.; 3915 Eagles Nest Street, Round Rock, TX 78664 (US). STRONGIN, Geoffrey, S.; 7210 Montana Avenue, Austin, TX 78731 (US). SCHMIDT, Rodney, W.; 203 Thatchers Court, Dripping Springs, TX 78620 (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 DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 12/16

(11) WO 03/042840 (13) A1

(21) PCT/CN02/00145

(22) 12 Mar/mar 2002 (12.03.2002)

(25) zh (26) zh

(30) 01134778.3 12 Nov/nov 2001 CN
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A METHOD FOR BACKING UP AND
RECOVERING DATA IN A HARD DISK
• PROCEDE DE SAUVEGARDE ET DE
RECUPERATION DE DONNEES DANS
UN DISQUE DUR

(71) LEGEND (BEIJING) LIMITED [CN/CN];
No. 6 Chuang Ye Road, Shangdi Informa-
tion Industry Base, Haidian District, Beijing
100085 (CN). QUANTUM DESIGNS
(H.K.) LIMITED [CN/CN]; 20/F, Devon
House Taikoo Place, 979 King's Road,
Quarry Bay, Hong Kong (CN).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ZHANG, Jianhui [CN/CN]; No. 6
Chuang Ye Road, Shangdi Information In-
dustry Base, Haidian District, Beijing 100085
(CN).

(74) NTD PATENT & TRADEMARK
AGENCY LTD. BEIJING OFFICE; 10th
floor, Block A, Investment Plaza, 27, Jin-
rongdajie, Beijing 100032 (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 ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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, 17/00

(11) WO 03/042841 (13) A1

(21) PCT/AU02/01535

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) PR 8810 12 Nov/nov 2001 AU
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • LOW LATENCY COMPUTATION IN
REAL TIME UTILIZING A DSP PRO-
CESSOR

• CALCUL A FAIBLE TEMPS DE LA-
TENCE EN TEMPS REEL AU MOYEN
D'UN PROCESSEUR DSP

(71) LAKE TECHNOLOGY LIMITED
[AU/AU]; Suite 502, Level 5, 51-55 Moun-
tain Street, Ultimo, New South Wales 2007
(AU).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MCGRATH, David, Stanley [AU/AU];
Suite 502, Level 5, 51-55 Mountain Street,
Ultimo, New South Wales 2007 (AU).
REILLY, Andrew [AU/AU]; Suite 502,
Level 5, 51-55 Mountain Street, Ultimo, New
South Wales 2007 (AU).

(74) FREEHILLS CARTER SMITH BEA-
DLE; 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 TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 13/00, 17/60, 17/30, H04N 5/76

(11) WO 03/042842 (13) A1

(21) PCT/JP02/11613

(22) 7 Nov/nov 2002 (07.11.2002)

(25) ja (26) ja

(30) 2001/349938 15 Nov/nov 2001 JP
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CONTENT TRANSMISSION APPARA-
TUS
• DISPOSITIF DE TRANSMISSION DE
CONTENU

(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) MATSUFUNE, Isao [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
Daiichi Building, 2-3, Toranomon
1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G06F 13/00

(11) WO 03/042843 (13) A1

(21) PCT/US02/35731

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 60/345,035 9 Nov/nov 2001 US
(09.11.2001)(30) 60/356,380 11 Feb/fév 2002 US
(11.02.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • RETRANSMISSION CONTROL IN
WIRELESS PACKET DATA NET-
WORKS

• CONTROLE DE RETRANSMISSION
DANS DES RESEAUX DE DONNEES
PAR PAQUETS SANS FIL

(71) CYNETA NETWORKS, INC. [US/US];
1201 N. Bowser Rd., Suite 100, Richardson,
TX 75081 (US).

(72) KOMANDUR, Sridhar; 3013 Brook-
vale Dr., Richardson, TX 75082 (US).
GOVINDARAJAN, Rangaprasad; 8013
Spring Peaks Drive, Plano, TX 75025 (US).
PATHAK, Jogen, K.; 9005 Jasmine Ln.,
Irving, TX 75063 (US). LIND, Janet, H.;
1720 Sandpiper, Plano, TX 75075 (US). KR-
ISHNAMURTHY, Shridhar; 255 Kailey
Way, Coppell, TX 75019 (US).

(74) RHOADES, Scott, R.; Strasburger & Price,
LLP, 901 Main Street, Suite 4300, Dallas, TX
75202-3794 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

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 TN 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 BG CH CY CZ DE DK EE
ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(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 TN 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 BG CH CY CZ DE DK
EE ES FI FR GB GR IE IT LU MC NL PT SE SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ G06F 13/00, 13/10, 13/14, 15/173, 9/455,
G09G 5/00, 5/08, G06T 1/60

(11) WO 03/042844 (13) A1

(21) PCT/US02/35771

(22) 6 Nov/nov 2002 (06.11.2002)

(25) en (26) en

- (30) 60/338,071 9 Nov/nov 2001 US
(09.11.2001) PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (30) 10/065,375 10 Oct/oct 2002 US
(10.10.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SIGNAL SWITCH FOR CONSOLE AND PERIPHERAL DEVICES
• COMMUTATEUR DE SIGNALISATION POUR CONSOLES ET PERIPHERIQUES
- (71) ATEN TECHNOLOGY, INC. [US/US]; 23 Hubble Drive, Irvine, CA 92618 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LOU, Tony [CN/CN]; 3F, #125, Sec. 2, Datung Rd., 10428 Shijr City, Taipei (TW).
CHEN, Kevin [CN/CN]; 3F, #125, Sec. 2, Datung Rd., 10428 Shijr City, Taipei (TW).
YANG, Sampson [CN/US]; 23 Hubble Drive, Irvine, CA 92618 (US).
- (74) ROSE, Robert J. et al. / etc.; Sheldon & Mak PC, 225 South Lake Avenue, 9th Floor, Pasadena, CA 91101-3005 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 13/00, 15/80, 17/30
(11) WO 03/042845 (13) A1
(21) PCT/US02/35831
(22) 6 Nov/nov 2002 (06.11.2002)
(25) en (26) en
(30) 60/332,641 13 Nov/nov 2001 US
(13.11.2001)
(30) 10/285,043 30 Oct/oct 2002 US
(30.10.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • JAVASCRIPT ENGINE
• MOTEUR JAVASCRIPT
- (71) AMERICA ONLINE INCORPORATED [US/US]; 22000 AOL Way, Dulles, VA 20166 (US).
- (72) EICH, Brendan; 104 Hill Top Drive, Los Gatos, CA 95032 (US).
- (74) GLENN, Michael et al. / etc.; Glenn Patent Group, Suite L, 3475 Edison Way, Menlo Park, CA 94025 (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 US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 13/10, 13/36
(11) WO 03/042847 (13) A1
(21) PCT/KR01/02183
(22) 17 Dec/déc 2001 (17.12.2001)
(25) en (26) en
(30) 2001/70564 13 Nov/nov 2001 KR
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PORTABLE STORAGE MEDIUM BASED ON UNIVERSAL SERIAL BUS STANDARD AND CONTROL METHOD THEREFOR
• SUPPORT DE STOCKAGE PORTATIF BASE SUR UNE NORME DE BUS SERIE UNIVERSEL, ET PROCEDE DE CONTROLE ASSOCIE
- (71) DAESUNG DIGITAL TECH CO., LTD. [KR/KR]; Room 516 Venture Incubating Center, Seoul National University, San 4-8, Bongcheon-7-dong, Kwanak-gu, Seoul 152-080 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOH, Young, Sook [—/—]; 103-401 Ssangyong Apartment Garak-2-dong, Songpa-gu, Seoul 138-162 (KR).
- (74) KIM, Jong, Su; Suite 201, Dasung Building, 735-34 Yoksam-dong, Kangnam-gu, 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 TN 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 : (b)
- (51)⁷ G06F 13/12, 13/00, H04L 29/08
(11) WO 03/042848 (13) A1
(21) PCT/JP02/02700
(22) 20 Mar/mar 2002 (20.03.2002)
(25) ja (26) ja
(30) 2001-333183 30 Oct/oct 2001 JP
(30.10.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • BLUETOOTH UNIT
• UNITE BLUETOOTH
- (71) SUPREME MAGIC CORPORATION [JP/JP]; Sun Towers Center Bldg. 13F, 11-22, Sangen-jaya 2-chome, Setagaya-ku, Tokyo 154-0024 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOBAYASHI, Tsukasa [JP/JP]; c/o SUPREME MAGIC CORPORATION, Sun Towers Center Bldg. 13F, 11-22, Sangen-jaya 2-chome, Setagaya-ku, Tokyo 154-0024 (JP).
- (74) ISSHIKI, Kensuke et al. / etc.; Rookin-Shinbashi Bldg. 3F, 12-7, Shinbashi 2-chome, Minato-ku, Tokyo 105-0004 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 13/16
(11) WO 03/042849 (13) A2
(21) PCT/US02/36040
(22) 7 Nov/nov 2002 (07.11.2002)
(25) en (26) en
(30) 10/010,994 12 Nov/nov 2001 US
(12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND APPARATUS FOR READ LAUNCH OPTIMIZATIONS IN MEMORY INTERCONNECT

- PROCEDE ET APPAREIL PERMETTANT D'OPTIMALISER DES LANCEMENTS DE LECTURE DANS DES INTERCONNEXIONS DE MEMOIRE
- (71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) **OSBORNE, Randy**; 3542 NW 163rd Court, Beaverton, OR 97006 (US).
- (74) **MALLIE, Michael, J. et al. / etc.**; Blakely, Sokoloff, Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F 13/38, H04L 12/66, H04Q 3/62**
- (11) **WO 03/042850** (13) A1
- (21) PCT/NZ02/00252
- (22) **15 Nov/nov 2002 (15.11.2002)**
- (25) en (26) en
- (30) 515524 **15 Nov/nov 2001 NZ (15.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A COMMUNICATION METHOD AND AN INTERFACE DEVICE
- PROCEDE DE COMMUNICATION ET DISPOSITIF D'INTERFACE
- (71) **MILLENNIUM TECHNOLOGY LIMITED** [NZ/NZ]; Gibson Sheat Centre, 1 Margaret Street, Lower Hutt, Wellington (NZ).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DEDERA, Ronald, Joseph** [US/NZ]; 88 Russells Road, Whitemans Valley, Upper Hutt, Wellington (NZ). **DOWDEN, Andrew, Noel** [AU/NZ]; 555 High Street, Lower Hutt, Wellington (NZ).
- (74) **BALDWIN SHELSTON WATERS**; NCR House, 342 Lambton Quay, 6001 Wellington (NZ).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F 15/16**
- (11) **WO 03/042852** (13) A1
- (21) PCT/IB02/04474
- (22) **28 Oct/oct 2002 (28.10.2002)**
- (25) en (26) en
- (30) 09/986,936 **13 Nov/nov 2001 US (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND APPARATUS FOR A DISTRIBUTED SERVER TREE
- PROCEDE ET APPAREIL DESTINES A UN ARBRE DE SERVEUR DISTRIBUE
- (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)
- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F 15/02**
- (11) **WO 03/042851** (13) A2
- (21) PCT/US02/34926
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) en (26) en
- (30) 09/990,831 **9 Nov/nov 2001 US (09.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DISPLAY, INPUT AND FORM FACTOR FOR PORTABLE INSTRUMENTS
- AFFICHAGE, ENTREE ET DIMENSIONS POUR INSTRUMENTS PORTABLES
- (71) **SYNERDYNE** [US/US]; 401 Wilshire Boulevard, Suite 900, Santa Monica, CA 90401 (US).
- (72) **KNIGHTON, Mark, S.**; 1920 La Mesa Drive, Santa Monica, CA 90402 (US). **GOLDMAN, Marc**; 1101 S. Bundy Drive, Los Angeles, CA 90049 (US). **AGABRA, David, S.**; 16536 Chattanooga Place, Pacific Palisades, CA 90272 (US). **DROBNIS, David, D.**; 3277 Rosewood Avenue, Mar Vista, CA 90066 (US). **HAYNIE, Jill, E.**; 1537 15th Street, Apartment #107, Santa Monica, CA 90404 (US).
- (74) **COESTER, Thomas, M. et al. / etc.**; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Blvd., 7th Floor, Los Angeles, CA 90025-1026 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 15/173**
- (11) **WO 03/042853** (13) A1
- (21) PCT/US02/35070
- (22) **1 Nov/nov 2002 (01.11.2002)**
- (25) en (26) en
- (30) 60/344,508 **9 Nov/nov 2001 US (09.11.2001)**
- (30) 10/283,183 **30 Oct/oct 2002 US (30.10.2002)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND SYSTEM FOR COMPUTER-BASED PRIVATE BRANCH EXCHANGE
- PROCEDE ET SYSTEME POUR LE FONCTIONNEMENT INFORMATISE D'UN AUTOCOMMUTATEUR PRIVE (PBX)
- (71, 72) **LAOR, Herzal** [IL/US]; 2050 Hillside Circle, Boulder, CO 80305 (US).
- (74) **MARCOU, George**; Kilpatrick Stockton LLP, 607 Fourteenth St., N.W., Suite 900, Washington, DC 20005 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 15/173, 11/30, 15/16, 17/60**
- (11) **WO 03/042854** (13) A1
- (21) PCT/US02/35319
- (22) **5 Nov/nov 2002 (05.11.2002)**
- (25) en (26) en
- (30) 60/330,958 **5 Nov/nov 2001 US (05.11.2001)**
- (67) **KOSKELAINEN, Petri**; 906 Amsterdam Avenue, Apt. 4B, New York, NY 10025 (US). **VAINIKAINEN, Mikko**; Orivedenkatu 8 C 66, FIN-33720 Tampere (FI).
- (74) **BRUNDIDGE, Carl, I. et al. / etc.**; Antonelli, Terry, Stout & Kraus, LLP, Suite 1800, 1300 North Seventh Street, Arlington, VA 22209 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)

- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHODS AND SYSTEMS FOR ASSOCIATING AN IDENTITY OF A SENDER WITH A PARCEL SENT VIA A COURIER
- PROCEDES ET SYSTEMES D'ASSOCIATION DE L'IDENTITE D'UN EXPEDITEUR A UN PAQUET ENVOYE PAR MESSAGERIES
- (71) THE MAITLAND COMPANY [US/US]; 220 South Harvin Street, Sumter, SC 29151 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) RUMPH, Robert, M. [US/US]; 223 Mason Croft Drive, Sumter, SC 29150 (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 15/173, 9/00
- (11) WO 03/042855 (13) A1
- (21) PCT/US02/36562
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 10/010,507 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SYSTEM FOR REDUCING SERVER LOADING DURING CONTENT DELIVERY
- SYSTEME PERMETTANT DE REDUIRE LA CHARGE D'UN SERVEUR LORS DE LA FOURNITURE D'UN CONTENU
- (71) ONE TOUCH SYSTEMS, INC. [US/US]; 40 Airport Parkway, San Jose, CA 95110 (US).
- (72) BARDE, Kaushik; 929 East El Camino Real, S22, Sunnyvale, CA 94087 (US). HARTMAN, Richard; 1811 Catherine Street, Santa Clara, CA 95050 (US). REBALA, Gopinath; 450 N. Mathilda Avenue, Apt. A311, Sunnyvale, CA 94085 (US).
- (74) ARTZ, John, A. et al. / etc.; Artz & Artz, P.C., Suite 250, 28333 Telegraph Road, Southfield, MI 48034 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations*
-
- (51)⁷ G06F 15/173, 15/16
- (11) WO 03/042856 (13) A2
- (21) PCT/US02/36853
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (30) 10/002,469 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • QUALITY OF SERVICE CONTROL OF STREAMED CONTENT DELIVERY
- QUALITE DU REGLAGE DE SERVICE DE LA DISTRIBUTION CONTINUE DE CONTENUS
- (71) AEROCAST.COM, INC. [US/US]; 5744 Pacific Center Boulevard, Suite 301, San Diego, CA 92121 (US).
- (72) KAUFFMAN, Marc, W.; 961 Olive Crest Drive, Encinitas, CA 92024 (US).
- (74) KULAS, Charles, J. et al. / etc.; TOWNSEND AND TOWNSEND AND CROWN LLP, 2 Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations*
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- (51)⁷ G06F 17/00, H04H 5/00, H04B 3/00
- (11) WO 03/042858 (13) A1
- (21) PCT/US02/36515
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/338,158 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MEDIA CONTENT AND DATA DISTRIBUTION AND CONSUMPTION
- DISTRIBUTION ET CONSOMATION DE DONNEES A CONTENU MEDIA-TIQUE
- (71) ENIKIA LLC [US/US]; 15 Independence Boulevard, Warren, NJ 07059 (US).
- (72) MANIS, Constantine, N.; 11 Drinking Brook Road, Monmouth Junction, NJ 08852 (US). LOGVINOV, Oleg; 27 Beacon Hill Road, East Brunswick, NJ 08816 (US). DURFEE, Lawrence, F.; 85 Lenape Trail, Washington, NJ 07882-2145 (US).
- (74) ZONERAICH, Davy, E.; Norris McLaughlin & Marcus, P.A., P.O. Box 1018, Somerville, NJ 08876-1018 (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 TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/20**
- (11) **WO 03/042859** (13) A2
- (21) PCT/NO02/00423
- (22) **15 Nov/nov 2002 (15.11.2002)**
- (25) en (26) en
- (30) 20015581 **15 Nov/nov 2001 NO (15.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **METHOD AND APPARATUS FOR TEXTUAL EXPLORATION DISCOVERY**
- **PROCEDE ET APPAREIL D'EXPLORATION ET DE DECOUVERTE TEXTUELLE**
- (71) **FORINNOVA AS** [NO/NO]; Thormohlensgate 55, N-5008 Bergen (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AARSKOG, Brit, Helle** [NO/NO]; Søre Furudalen 2, N-5098 Bergen (NO).
- (74) **AS BERGEN PATENTKONTOR**; P.O. Box 1998, Nordnes, N-5817 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/24**
- (11) **WO 03/042861** (13) A2
- (21) PCT/EP02/12924
- (22) **18 Nov/nov 2002 (18.11.2002)**
- (25) de (26) de
- (30) 60/331.470 **16 Nov/nov 2001 US (16.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **METHOD AND DEVICE FOR THE COMPUTER-IMPLEMENTED PRODUCTION AND ADMINISTRATION OF CONTRACTS**
- **PROCEDE ET DISPOSITIF DE PRODUCTION ET DE GESTION INFORMATIQUES DE CONTRATS**
- (71) **SAP AKTIENGESELLSCHAFT** [—/DE]; Neurottrst. 16, 69190 Walldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GUTBROD, Roger** [DE/DE]; Konrad-Adenauer-Strasse 48, 69207 Sandhausen (DE). **HAFNER, Gerhard** [DE/DE]; Geschwister-Scholl-Strasse 49, 69214 Eppelheim (DE).
- (74) **HÖSSLE KUDLEK & PARTNER**; Postfach 10 23 38, 70019 Stuttgart (DE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/21**
- (11) **WO 03/042860** (13) A1
- (21) PCT/FI02/00901
- (22) **14 Nov/nov 2002 (14.11.2002)**
- (25) en (26) en
- (30) 20012220 **15 Nov/nov 2001 FI (15.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **A METHOD FOR PROCESSING INFORMATION IN A TERMINAL**
- **PROCEDE DE TRAITEMENT D'INFORMATIONS DANS UN TERMINAL**
- (71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NIITYNEN, Anu** [FI/FI]; Lapinkaari 21 B 59, FIN-33180 Tampere (FI).
- (74) **TAMPEREEN PATENTTITOIMISTO OY**; Hermiankatu 12 B, FIN-33720 Tampere (FI).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/30**
- (11) **WO 03/042862** (13) A2
- (21) PCT/EP02/11126
- (22) **12 Sep/sep 2002 (12.09.2002)**
- (25) en (26) en
- (30) 01480109.6 **13 Nov/nov 2001 EP (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **SYSTEM AND METHOD FOR SELECTING ELECTRONIC DOCUMENTS FROM A PHYSICAL DOCUMENT AND FOR DISPLAYING SAID ELECTRONIC DOCUMENTS OVER SAID PHYSICAL DOCUMENT**
- **SYSTEME ET PROCEDE DESTINES A SELECTIONNER DES DOCUMENTS ELECTRONIQUES A PARTIR D'UN DOCUMENT PHYSIQUE ET A AFFICHER CES DOCUMENTS ELECTRONIQUES SUR CE DOCUMENT PHYSIQUE**
- (71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, New York, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **COMPAGNIE IBM FRANCE** [—/—]; Tour Descartes, 2, avenue Gambetta, F-92066 Paris La Défense - cedex (FR).
(only for / seulement pour MC)
- (72, 75) **INCERTIS CARRO, Fernando** [ES/ES]; c/612 - N^o 9, Monte-Canada, Paterna, E-46182 Valencia (ES).
- (74) **ETORRE, Yves-Nicolas**; Compagnie IBM France, Direction de la Propriété Intellectuelle, F-06610 La Gaude (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ **G06F 17/30, H04L 29/06**
- (11) **WO 03/042863** (13) A1
- (21) PCT/FI02/00886
- (22) **11 Nov/nov 2002 (11.11.2002)**
- (25) en (26) en
- (30) 20012185 **12 Nov/nov 2001 FI (12.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)

- (54) • ARRANGEMENT OF DATA SYNCHRONIZATION IN A TELECOMMUNICATIONS SYSTEM
- DISPOSITIF DE SYNCHRONISATION DE DONNEES DANS UN SYSTEME DE TELECOMMUNICATION
- (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) KOSKIMIES, Oskari [FI/FI]; Varjankavalkama 16 E, FIN-00950 Helsinki (FI).
- (74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)⁷ G06F 17/30
(11) WO 03/042864 (13) A2
(21) PCT/FR02/03783
(22) 5 Nov/nov 2002 (05.11.2002)
(25) fr (26) fr
(30) 01/14661 13 Nov/nov 2001 FR (13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • SEMANTIC WEB PORTAL GRAPHIC INTERFACE
- INTERFACE GRAPHIQUE DE PORTAIL WEB SEMANTIQUE
- (71) INRIA INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE [FR/FR]; Domaine de Voluceau, F-78153 Rocquencourt (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MICHARD, Alain [FR/FR]; 33, quai Aristide Briand, F-78510 Triel sur Seine (FR).
- (74) PLACAIS, Jean-Yves; Cabinet Netter, 36, avenue Hoche, F-75008 Paris (FR).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ G06F 17/30
(11) WO 03/042865 (13) A2
(21) PCT/GB02/05097
(22) 12 Nov/nov 2002 (12.11.2002)
(25) en (26) en
(30) 0127248.3 13 Nov/nov 2001 GB (13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • TAXONOMY MANAGEMENT
- GESTION DE LA TAXINOMIE
- (71) WORDMAP LIMITED [GB/GB]; 26 Upper Borough Walls, Bath BA1 1RH (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OSBALDESTON, Richard [GB/GB]; Donnybrook House, 2 Russell Street, Bath BA1 2QF (GB). BASTABLE, David, Parker [GB/GB]; Greyfield Wood Farm Cottage, Greyfield Wood, High Littleton, Bristol BS39 6YE (GB).
- (74) MURRAY, Elisabeth, Anne et al. / etc.; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/30
(11) WO 03/042866 (13) A2
(21) PCT/IB02/04422
(22) 22 Oct/oct 2002 (22.10.2002)
(25) en (26) en
(30) 10/014,196 13 Nov/nov 2001 US (13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND SYSTEM FOR PERSONAL INFORMATION RETRIEVAL, UPDATE AND PRESENTATION
- PROCEDE ET SYSTEME D'EXTRACTION, ACTUALISATION ET PRESENTATION D'INFORMATIONS PERSONNELLES
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) MCGEE, Thomas, F., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). ZIMMERMAN, John, Z.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LI, Dongge; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/30
(11) WO 03/042868 (13) A1
(21) PCT/IB02/04482
(22) 28 Oct/oct 2002 (28.10.2002)
(25) en (26) en

(30) 10/014,178 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • APPARATUS AND METHOD FOR PROGRAM SELECTION UTILIZING EXCLUSIVE AND INCLUSIVE META-DATA SEARCH

• APPAREIL ET PROCEDE DE SELECTION DE PROGRAMMES METTANT EN OEUVRE LA RECHERCHE EXCLUSIVE ET INCLUSIVE DE META-DONNEES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) DAGTAS, Serhan; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JASINSCHI, Radu, S.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DIMITROVA, Nevenka; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 03/042869 (13) A1

(21) PCT/JP02/10881

(22) 21 Oct/oct 2002 (21.10.2002)

(25) ja (26) ja

(30) 2001-348151 14 Nov/nov 2001 JP
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INFORMATION SEARCH SUPPORT APPARATUS, COMPUTER PROGRAM, MEDIUM CONTAINING THE PROGRAM

• APPAREIL DE SUPPORT DE RECHERCHE D'INFORMATIONS, PROGRAMME INFORMATIQUE ET SUPPORT CONTENANT LEDIT PROGRAMME

(71) JAM CORPORATION [JP/JP]; 7-3, Minato 1-chome, Chuo-ku, Tokyo 104-0043 (JP).
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(72, 75) NOGUUCHI, Sumio [JP/JP]; Tsukishima-homes 522, 14-13, Tsukishima 1-chome, Chuo-ku, Tokyo 104-0052 (JP). ABE, Yoshiyuki [JP/JP]; 14-7, Shim-ishikawa 4-chome, Aoba-ku, Yokohama-shi, Kanagawa 225-0003 (JP).

(74) ISSHIKI, Kensuke et al. / etc.; Rookin-Shinbashi Bldg. 3F, 12-7, Shinbashi 2-chome, Minato-ku, Tokyo 105-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 03/042870 (13) A1

(21) PCT/KR02/02090

(22) 11 Nov/nov 2002 (11.11.2002)

(25) ko (26) en

(30) 2001/70208 12 Nov/nov 2001 KR
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FOR NETWORK-BASED SEARCH SERVICE USING RESEMBLANT WORDS AND METHOD THEREOF

• SYSTEME D'APPLICATION CONÇU POUR UN SERVICE DE RECHERCHE EN RESEAU UTILISANT DES MOTS ANALOGUES ET PROCEDE ASSOCIE

(71) INEED CO., LTD [KR/KR]; 9F Olympia Centre, 828-10, Yoksam-dong, Kangnam-gu, 135-080 Seoul (KR).
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(72, 75) KIM, Se-Jin [KR/KR]; 4F Lasse Building, 1042-5 Sadang-dong, Dongjak-gu, 156-827 Seoul (KR). LEE, Chang-Yeob [KR/KR]; 215-704, Maewha apt., Yatap-dong, Bundang-gu, Seoungnam, 463-835 Gyeonggi-do (KR). LEE, Seung-Jun [KR/KR]; 23-104 AID apt., Samsung-dong, Kangnam-gu, 135-868 Seoul (KR).

(74) YOON, Eui-Seoup; Yoones & CO, 3F Namdo bldg., 823-24 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 17/30

(11) WO 03/042871 (13) A2

(21) PCT/US01/43667

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEMS AND METHODS FOR INDEXING DATA IN A NETWORK ENVIRONMENT

• SYSTEMES ET PROCEDE D'INDEXATION DES DONNEES DANS UN ENVIRONNEMENT DE RESEAU

(71, 72) MORROW, Brian, Mervyn [US/US]; 5431 Sierra Verde Road, Irvine, CA 92612 (US). GORLICK, Michael, Martin [US/US]; 214 Main Street, #127, El Segundo, CA 90245 (US). MUIR, Arthur, Hughes, III [US/US]; 185 Amherst Aisle, Irvine, CA 92612 (US).

(74) ENGLISH, William, A.; Lyon & Lyon LLP, 47th Floor, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).

(81) US.

(51)⁷ G06F 17/30

(11) WO 03/042872 (13) A1

(21) PCT/US02/35650

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 10/038,197 9 Nov/nov 2001 US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND SYSTEM FOR PERFORMING INFORMATION EXTRACTION AND QUALITY CONTROL FOR A KNOWLEDGE BASE

• PROCEDE ET SYSTEME DE REALISATION D'UNE EXTRACTION D'INFORMATIONS ET D'UN CONTROLE QUALITE DESTINES A UNE BASE DE CONNAISSANCE

(71) INGENUITY SYSTEMS, INC. [US/US]; 1565 Charleston Road, Mountain View, CA 94043 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHO, Raymond, J. [US/US]; 1063 Morse Avenue, Apt. 13-202, Sunnyvale, CA 94089 (US). CHEN, Richard, O. [US/US]; 658 Sierra Vista Avenue, Apt. 9, Mountain View, CA 94043 (US). FELCIANO, Ramon, M. [US/US]; 3337 Brittan Avenue, Apt. 7, San Carlos, CA 94070 (US). RICHARDS, Daniel, R. [US/US]; 1661 Alma Street, Palo Alto, CA 94301 (US). NORMAN, Philippa [GB/US]; 50 West Edith Avenue, Apt. 6, Los Altos, CA 94022 (US).

(74) REED, James L.; MORGAN, LEWIS & BOCKIUS LLP, 1111 Pennsylvania Avenue, N.W., 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 03/042873 (13) A1

(21) PCT/US02/36240

(22) 13 Nov/nov 2002 (13.11.2002)

- (25) en (26) en
- (30) 09/993,854 13 Nov/nov 2001 US
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND SYSTEM FOR INDEXING AND SEARCHING OF SEMI-STRUCTURED DATA
• PROCEDE ET SYSTEME D'INDEXATION ET DE RECHERCHE DE DONNEES SEMI-STRUCTUREES
- (71) COHERITY, INC. [US/US]; 1661 Page Mill Road, Palo Alto, CA 94304 (US).
- (72) ELLSWORTH, Joseph; 3386 Valley Forge Way, San Jose, CA 95117 (US). PATEL, Chetan; 1575 Tenaka Place, #R3, Sunnyvale, CA 94087 (US).
- (74) GARRETT, Arthur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, NW, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/30
- (11) WO 03/042874 (13) A2
- (21) PCT/US02/36276
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) PCT/US01/43667 14 Nov/nov 2001 US
(14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SYSTEMS AND METHODS FOR INDEXING DATA IN A NETWORK ENVIRONMENT
• SYSTEMES ET PROCEDES D'INDEXATION DE DONNEES DANS UN ENVIRONNEMENT EN RESEAU
- (71) ENDEAVORS TECHNOLOGY, INC. [US/US]; 19600 Fairchild Avenue, Suite 350, Irvine, CA 92614 (US).
- (72) MORROW, Brian, Mervyn; 5431 Sierra Verde Road, Irvine, CA 92612 (US). GORLICK, Michael, Martin; 214 Main Street, #127, El Segundo, CA 90245 (US). MUIR, Arthur, Hughes, III; 185 Amherst Aisle, Irvine, CA 92612 (US).
- (74) ENGLISH, William, A.; Bingham McCutchen LLP, 355 South Grand Avenue, Suite 4400, Los Angeles, CA 90071 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ G06F 17/30
- (11) WO 03/042875 (13) A1
- (21) PCT/US02/36466
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/337,499 13 Nov/nov 2001 US
(13.11.2001)
- (30) 60/370,464 5 Apr/avr 2002 US
(05.04.2002)
- (30) 60/385,518 4 Jun/juin 2002 US
(04.06.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • INFORMATION AGGREGATION, PROCESSING AND DISTRIBUTION SYSTEM
• SYSTEME DE REGROUPEMENT, DE TRAITEMENT ET DE REPARTITION D'INFORMATION
- (71) LOCKHEED MARTIN CORPORATION [US/US]; 6801 Rockledge Drive, Bethesda, MD 20817-1836 (US).
- (72) TOLLEY, Richard, G.; 5895 South Forest Street, Greenwood Village, CO 80121 (US). FLESHER, Kevin, E.; 4882 Yates Circle, Broomfield, CO 80020 (US). SCHWARTZ, Michael, I.; 402 South Ivy Street, Denver, CO 80224 (US). SCOTT, William, D.; 10895 Willow Reed Circle West, Parker, CO 80134 (US). AUTEN, Charles, W.; 12625 South Silver Creek Street, Parker, CO 80134 (US). FRANKLIN, Keith; 9346 Cornell Circle, Highlands Ranch, CO 80126 (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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/50
- (11) WO 03/042876 (13) A2
- (21) PCT/US02/35846
- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) en (26) en
- (30) 10/008,643 9 Nov/nov 2001 US
(09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SYNCHRONIZATION OF DISTRIBUTED SIMULATION NODES BY KEEPING TIMESTEP SCHEDULERS IN LOCKSTEP
- SYNCHRONISATION DE NOEUDS DE SIMULATION REPARTIS PAR LE MAINTIEN DE PROGRAMMEURS DE SAUT DE TEMPS IN ECHELON FIXE
- (71) SUN MICROSYSTEMS, INC. [US/US]; 4150 Network Circle, Santa Clara, CA 95054 (US).
- (72) SIVIER, Steven, A.; 35638 Dee Place, Fremont, CA 94536 (US). FRANKEL, Carl, B.; 785 Burnett Avenue, Apartment 2, San Francisco, CA 94131-1417 (US). CAVANAGH, Carl; 1776 Excelsior Avenue, Oakland, CA 94602 (US). FREYENSEE, James, P.; 518 Paco Drive, Los Altos, CA 94024 (US).
- (74) MERKEL, Lawrence, J.; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/60
- (11) WO 03/042877 (13) A1
- (21) PCT/AU02/01551
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (30) PR 8861 14 Nov/nov 2001 AU
(14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • AN ACCELERATED INVOICE TO PAYMENT TRADING METHOD FOR PARTICIPATING ENTERPRISES
• PROCEDE DE NEGOCIATION ACCELEREE ENTRE UNE FACTURATION ET UN PAIEMENT POUR ENTREPRISES (PARTICIPANTES)
- (71) INTERKEY TECHNOLOGIES PTY LTD [AU/AU]; Forbes Dowling Lawyers, Level 4, 344 Queen Street, Brisbane, Queensland 4000 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MOSTYN, Barry, John [AU/AU]; 22 Killarney Street, Forest Lake, Queensland 4078 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60, G06K 17/00

(11) WO 03/042878 (13) A2

(21) PCT/EP02/12771

(22) 14 Nov/nov 2002 (14.11.2002)

(25) de (26) de

(30) 101 56 038.9 15 Nov/nov 2001 DE (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR SECURING AIR TRAFFIC

• PROCEDE POUR SECURISER LE TRAFIC AERIEN

(71, 72) BROSOW, Joergen [SE/AT]; Plainfeld 156, A-5322 Hof (AT).

(74) LEINWEBER + ZIMMERMANN; Rosental 7, 80331 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 10/014,180 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS FOR EVALUATING THE CLOSENESS OF ITEMS IN A RECOMMENDER OF SUCH ITEMS

• PROCEDE ET APPAREIL PERMETTANT D'EVALUER L'INTERET D'ARTICLES DANS UN DISPOSITIF DE RECOMMANDATION D'ARTICLES DE CE TYPE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) GUTTA, Srinivas, V., R.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KURAPATI, Kaushal; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 03/042880 (13) A1

(21) PCT/JP02/11755

(22) 12 Nov/nov 2002 (12.11.2002)

(25) ja (26) ja

(30) 2001-347122 13 Nov/nov 2001 JP (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INFORMATION PROCESSING APPARATUS AND METHOD, AND INFORMATION PROCESSING SYSTEM AND METHOD

• APPAREIL DE TRAITEMENT D'INFORMATIONS ET PROCEDE ASSOCIE, ET SYSTEME DE TRAITEMENT D'INFORMATIONS ET PROCEDE ASSOCIE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(72, 75) KATO, Yoshikazu [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) INAMOTO, Yoshio; 711 Building 4F, 11-18, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G06F 17/60

(11) WO 03/042881 (13) A1

(21) PCT/JP02/11832

(22) 13 Nov/nov 2002 (13.11.2002)

(25) ja (26) ja

(30) 2001-348801 14 Nov/nov 2001 JP (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INTEGRATION SYSTEM, INTEGRATION MANAGEMENT APPARATUS, AND AGENT TERMINAL

• SYSTEME D'INTEGRATION, APPAREIL DE GESTION D'INTEGRATION ET TERMINAL D'AGENT

(71) AIOI INSURANCE CO., LTD. [JP/JP]; 28-1, Ebisu 1-chome, Shibuya-ku, Tokyo 150-8488 (JP).

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(72, 75) UEMURA, Makoto [JP/JP]; 1304, 1-3 Aobadai 4-chome, Meguro-ku, Tokyo 153-0042 (JP).

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(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G06F 17/60

(11) WO 03/042882 (13) A1

(21) PCT/JP02/12009

(22) 18 Nov/nov 2002 (18.11.2002)

(25) ja (26) ja

(30) 2001-351001 16 Nov/nov 2001 JP (16.11.2001)

(30) 2002-299702 11 Oct/oct 2002 JP (11.10.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SOFTWARE TIME-LENDING SYSTEM AND METHOD

• SYSTEME ET PROCEDE ACCORDANT DU TEMPS A UN LOGICIEL

(71) YONDENKO CORPORATION [JP/JP]; 1-11-22, Matsushima-Cho, Takamatsu-Shi, Kagawa 760-8587 (JP).

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(72, 75) KURITA, Yasuo [JP/JP]; c/o Yondenko Corporation, 1-11-22, Matsushima-Cho, Takamatsu-Shi, Kagawa 760-8587 (JP).

(74) SUDO, Asako; 5-6-26, Kajino-Cho, Koganei-Shi, Tokyo 184-0002 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 03/042883 (13) A1

(21) PCT/KR02/01059

(22) 4 Jun/juin 2002 (04.06.2002)

(25) en (26) en

(30) 2001-0070865 14 Nov/nov 2001 KR (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM AND METHOD FOR PREPARING TRAVEL SCHEDULE

• SYSTEME ET PROCEDE DE PREPARATION D'UN HORAIRE DE VOYAGE

(71) TPLANNER CORPORATION [KR/KR]; 803 Korea Business Center, 1338-21 Seocho-dong, Seocho-gu, 137-860 Seoul (KR).

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(74) **KIM, Seong-Nam et al.** / etc.; 17th Floor, City Air Tower, 159-9 Samsung-dong, Gangnam-gu, 135-973 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 03/042884 (13) A1

(21) PCT/NL01/00825

(22) 14 Nov/nov 2001 (14.11.2001)

(25) nl (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • TELECOMMUNICATION SYSTEM AND TELECOMMUNICATION DEVICE FOR APPLICATION THEREIN

• SYSTEME DE TELECOMMUNICATION ET PROCEDE DE TELECOMMUNICATION A APPLIQUER AUDIT SYSTEME

(71) **CHIPTEC INTERNATIONAL N.V.** [NL/NL]; P.O. Box 4888, Curacao (AN).

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(72, 75) **VAN DER VALK, Robert, Willem** [NL/BE]; Hertendreef 45, B-2900 Schoten (BE).

(74) **JILDERDA, Anne, Ayolt;** Octrooibureau LIOC, P.O. Box 13363, NL-3507 LJ Utrecht (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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 03/042885 (13) A2

(21) PCT/SE01/02539

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR CHARGING OF WEB/WAP BROWSING

• PROCEDE D'IMPUTATION DES CHARGES DE NAVIGATION WEB/WAP

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

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(74) **WALKER, Brian, W.;** Jenkens & Gilchrist, 1445 Ross Avenue, Suite 3200, 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/US01/43900

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM AND METHODS FOR GENERATING PHYSICIAN PROFILES CONCERNING PRESCRIPTION THERAPY PRACTICES WITH SELF-ADAPTIVE PREDICTIVE MODEL

• SYSTEME ET PROCEDES POUR LA PRODUCTION DE PROFILES PHYSIQUES CONCERNANT DES PRACTIQUES DE PRESCRIPTION THERAPEUTIQUES AU MOYEN D'UN MODELE PREDICTIF AUTO-ADAPTATIF

(71) **IMS HEALTH INCORPORATED** [US/US]; 660 West Germantown Pike, Plymouth Meeting, PA 019462 (US).

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(74) **SCHEINFELD, Robert, C.** et al. / etc.; Baker Botts LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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

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(21) PCT/US02/34099

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 10/008,647 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MULTI-MERCHANT GIFT REGISTRY
• SYSTEME D'ENREGISTREMENT DE CADEAUX SELECTIONNES AUPRES DE PLUSIEURS COMMERCANTS

(71, 72) **VEENEMAN, William, J.** [US/US]; 110 Bank Street S.E., LaRive Condominium #1701, Minneapolis, MN 55414 (US).

(74) **CHAPIK, Daniel, G.** et al. / etc.; Dorsey & Whitney LLP, Suite 1500, 50 South Sixth Street, Minneapolis, MN 55402-1498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/US02/36252

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 10/008,295 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEMS AND METHODS FOR PROCESSING AN ELECTRONIC REQUEST TO PURCHASE GOODS OR SERVICES

• SYSTEMES ET PROCEDES POUR TRAITER UNE DEMANDE ELECTRONIQUE D'ACHAT DE BIENS OU DE SERVICES

(71) **BELLSOUTH INTELLECTUAL PROPERTY CORPORATION** [US/US]; Suite 501, 824 Market Street, Wilmington, DE 19801 (US).

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(74) **ROCCI, Steven, J.** et al. / etc.; Woodcock Washburn LLP, 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 CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
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(51)⁷ G06F 17/60

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(21) PCT/US02/36277

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 10/032,653 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND SYSTEM FOR MATCH-
ING SHORT TRADING POSITIONS
WITH LONG TRADING POSITIONS

- PROCEDE ET SYSTEME DE CORRES-
PONDANCE DE POSITIONS COM-
MERCIALES A COURT TERME AVEC
DES POSITIONS COMMERCIALES A
LONG TERME

(71) MORGAN GUARANTY TRUST COM-
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(74) HOLM, Chris, L.; Milbank, Tweed, Hadley
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(81) AU CA CN JP KR MX.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)⁷ G06F 17/60

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(21) PCT/US02/36559

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/338,212 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • COLLABORATION AND INNOVATION
SYSTEM

- SYSTEME DE COLLABORATION ET
D'INNOVATION

(71) THE PROCTER & GAMBLE COM-
PANY [US/US]; One Procter & Gamble
Plaza, Cincinnati, OH 45202 (US).

(72) HUGHES, Larry, James; 6327 Heitzler Ave-
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(74) REED, T., David et al. / etc.; The Procter
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(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model

/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL PT
RO RU SC SD SE SG SI SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/US02/36603

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 09/990,911 14 Nov/nov 2001 US
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM AND METHOD FOR DISPOS-
ING OF ASSETS

- SYSTEME ET PROCEDE D'ALIENA-
TION D'ACTIFS

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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 OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 17/60

(11) WO 03/042892 (13) A2

(21) PCT/US02/36700

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/338,803 13 Nov/nov 2001 US
(13.11.2001)

(30) 60/343,459 21 Dec/déc 2001 US
(21.12.2001)

(30) 10/245,848 17 Sep/sep 2002 US
(17.09.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ELECTRONIC TRADING CONFIRMA-
TION SYSTEM

- SYSTEME DE CONFIRMATION
D'ECHANGES PAR VOIE ELECTRO-
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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 PL PT RO RU SD
SE SG SI SK SL TJ 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 BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 03/042893 (13) A1

(21) PCT/US02/36898

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 09/991,379 15 Nov/nov 2001 US
(15.11.2001)

(30) 09/991,497 15 Nov/nov 2001 US
(15.11.2001)

(30) PCT/US02/33908 22 Oct/oct 2002 US
(22.10.2002)

(30) 10/298,152 14 Nov/nov 2002 US
(14.11.2002)

(30) 10/298,153 14 Nov/nov 2002 US
(14.11.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ONLINE PAYMENTS

- PAIEMENTS EN LIGNE

(71) FIRST DATA CORPORATION [US/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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/60
- (11) WO 03/042894 (13) A1
- (21) PCT/US02/36933
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) 10/000,899 15 Nov/nov 2001 US (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • AUTOMATED PRODUCT SOURCING FROM MULTIPLE FULFILLMENT CENTERS
- DETERMINATION AUTOMATIQUE DE LA SOURCE D'APPROVISIONNEMENT DE PRODUITS A PARTIR DE MULTIPLES CENTRES D'EXECUTION DES COMMANDES
- (71) **BESTBUY.COM LLC [US/US];** 7075 Flying Cloud Drive, Eden Prairie, MN 55344 (US).
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- (72, 75) **ALBRIGHT, Brian [US/US];** 1680 Dandbar Circle, Waconia, MN 55387 (US).
- (74) **TYSVER, Daniel et al. / etc.;** Beck & Tysver, P.L.L.C., 2900 Thomas Avenue S., Suite 100, Minneapolis, MN 55416-4477 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 19/00
- (11) WO 03/042895 (13) A1
- (21) PCT/KR01/01970
- (22) 17 Nov/nov 2001 (17.11.2001)
- (25) ko (26) en
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND SYSTEM FOR REAL-TIME MONITORING AND CONTROLLING HEIGHT OF DEPOSIT BY USING IMAGE PHOTOGRAPHING AND IMAGE PROCESSING TECHNOLOGY IN LASER CLADDING AND LASER-AIDED DIRECT METAL MANUFACTURING PROCESS
- PROCEDE ET SYSTEME PERMETTANT DE SURVEILLER ET DE COMMANDER EN TEMPS REEL LA HAUTEUR D'UN DEPOT AU MOYEN DE LA TECHNOLOGIE DE PHOTOGRAPHIE D'IMAGE ET DE TRAITEMENT D'IMAGE DANS UN REVETEMENT AU LASER ET DANS UN PROCEDE DE FABRICATION DE METAL DIRECT A ASSISTANCE LASER
- (71) **INSSTEK INC. [KR/KR];** 207 KAERI TBI B/D, 150 Dukjin-dong, Yusung-ku, 305-353 Taejon (KR).
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- (72, 75) **SUH, Jeong-Hun [KR/KR];** 503-404, Expo Apt., Jeonmin-dong, Yusung-ku, 305-762 Taejon (KR).
- (74) **YEOM, Seung-Yun;** C & S Patent and Law Office, C-2306, Daelim Acrotel 467-6, Dogok-dong, Kangnam-gu, Seoul 135-971 (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 ST SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 19/00
- (11) WO 03/042896 (13) A1
- (21) PCT/KR02/02118
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) ko (26) en
- (30) 2001/70940 15 Nov/nov 2001 KR (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD OF SERVICE FOR ORDER/RESERVATION
- PROCEDE POUR SERVICE DE COMMANDE/RESERVATION
- (71) **IDEAOK CORPORATION [KR/KR];** 7F, Seoil B/D, 1543-8, Seocho-dong, Seocho-ku, 137-070 Seoul (KR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHUNG, Jun-Yong [KR/KR];** 131-1502 Kolon APT, Rose Village, 330, Yatap-dong, Bundang-ku, 463-070 Seongnam City (KR).
- (74) **JIN, Cheon Woong;** #3F, Yonghun B/D, 1542-14, Seocho-don, 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ G06F 19/00
- (11) WO 03/042897 (13) A1
- (21) PCT/US02/35803
- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) en (26) en
- (30) 10/037,323 9 Nov/nov 2001 US (09.11.2001)
- (30) 10/266,292 8 Oct/oct 2002 US (08.10.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PREPAID ACCOUNT LOTTERY SYSTEM AND METHOD
- SYSTEME ET PROCEDE DE LOTERIE A COMPTE PREPAYE
- (71) **SCIENTIFIC GAMES CORPORATION [US/US];** 750 Lexington Avenue, New York, NY 10022 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WEIL, Allan, Lorne [US/US];** 51 East 90th Street, Penthouse B, New York, NY 10128 (US). **HUNTLEY, William, James [US/US];** 3365 Summit Trail, Cummings, GA 30041-6693 (US).
- (74) **POWERS, Joseph, A.;** Duane, Morris LLP, One Liberty Place, 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ G06F 19/00
- (11) WO 03/042898 (13) A2
- (21) PCT/US02/36760
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/338,032 13 Nov/nov 2001 US (13.11.2001)

- (43) 22 May/mai 2003 (22.05.2003)
- (54) • COMPOUND PRIORITIZATION FOR DRUG DISCOVERY
- ETABLISSEMENT DE PRIORITE RELATIVE A UN COMPOSE DANS LE CADRE D'UNE RECHERCHE MEDICAMENTEUSE
- (71) ARQULE, INC. [US/US]; 19 Presidential Way, Woburn, WA 01801 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BERESFORD, Alan, P. [US/GB]; Oakland, Pharisee Green, Great Dunmow, Essex CM6 1JN (GB). KORZEKWA, Kenneth, R. [US/US]; 1203 Cristobal Privada, Mountain View, CA 94040 (US).
- (74) WEAVER, Jeffrey, K.; 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06G 7/48, 7/58
- (11) WO 03/042899 (13) A1
- (21) PCT/US02/36161
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 10/013,743 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A COMPUTER SYSTEM AND METHOD FOR MODELING FLUID DEPLETION
- SYSTEME INFORMATIQUE ET PROCEDE DE MODELISATION DE L'EPUISEMENT D'UN FLUIDE
- (71) SWANSON CONSULTING, INC. [US/US]; Suite 300, 1160 Dairy Ashford, Houston, TX 77079-3010 (US).
- (72) HOROWITZ, Daniel, H.; 2211 Woodland Springs Street, Houston, TX 77077 (US). STEVENS, Gregory, A.; 3010 West Hickory Park Circle, Sugar Land, TX 77479 (US). SWANSON, Donald, C.; 13702 Neil's Branch Drive, Houston, TX 77077 (US). SWANSON, Jeffrey, S.; 634 West Forest Drive, Houston, TX 77079 (US).
- (74) HAWES, Michael, A.; Baker Botts, L.L.P., One Shell Plaza, 910 Louisiana, Houston, TX 77002-4995 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06K 7/00, 7/015
- (11) WO 03/042901 (13) A1
- (21) PCT/AT02/00317
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) de (26) de
- (30) A 1809/2001 16 Nov/nov 2001 AT (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CONTACTING DEVICE FOR CARD-TYPE INFORMATION CARRIERS AND READER UNIT FITTED THEREWITH
- DISPOSITIF DE MISE EN CONTACT POUR SUPPORTS D'INFORMATIONS SOUS FORME DE CARTE, ET UNITE DE LECTURE POURVUE D'UN TEL DISPOSITIF
- (71) OMNIKEY AG [DE/DE]; Kreuzberger Ring 24, 65205 Wiesbaden (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHMID, Kurt [AT/AT]; Panholzerweg 20/3, A-4030 Linz (AT).
- (74) SECKLEHNER, Günter; Rechtsanwalt, Rosenauerweg 268, A-4580 Windischgarsten (AT).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06K 7/00
- (11) WO 03/042900 (13) A2
- (21) PCT/AT02/00316
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) de (26) de
- (30) A 1803/2001 16 Nov/nov 2001 AT (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CONTACTING SYSTEM AND READING UNIT FOR CARD-SHAPED INFORMATION CARRIERS
- SYSTEME DE CONTACT ET UNITE DE LECTURE POUR SUPPORTS D'INFORMATIONS EN FORME DE CARTES
- (71) OMNIKEY AG [DE/DE]; Kreuzberger Ring 24, 65205 Wiesbaden (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHMID, Kurt [AT/AT]; Panholzerweg 20/3, A-4030 Linz (AT).
- (74) SECKLEHNER, Günter; Rosenauerweg 268, A-4580 Windischgarsten (AT).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06K 7/00
- (11) WO 03/042902 (13) A1
- (21) PCT/JP02/11984
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) 2001-350782 15 Nov/nov 2001 JP (15.11.2001)
- (30) 2002-127556 26 Apr/avr 2002 JP (26.04.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CONNECTOR FOR MEMORY CARD
- CONNECTEUR POUR CARTE MEMOIRE
- (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) **TANAKA, Hirohisa** [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **TAKEYAMA, Hidetoshi** [JP/JP]; 372-95, Nomura-cho, Hisai-shi, Mie 514-1113 (JP).
- (74) **ITAYA, Yasuo**; Itaya, Matsusaka & Associates, 9-10, Minamisemba 3-chome, Chuo-ku, Osaka-shi, Osaka 542-0081 (JP).

(81) CN KR US.

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(51)⁷ G06K 7/10

(11) WO 03/042903 (13) A1

(21) PCT/US02/36307

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/338,804 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • SYSTEMS AND METHODS FOR RENDERING MULTILINGUAL INFORMATION ON OUTPUT DEVICE
• SYSTEMES ET PROCÉDES DE RESTITUTION D'INFORMATIONS MULTILINGUES SUR UN DISPOSITIF DE SORTIE

(71) **APPLIED BUSINESS CENTERED TECHNOLOGIES, INC.** [US/US]; 5901 Peachtree-Dunwoody Road, Building B, Suite 405, Atlanta, GA 30328 (US).

(72) **SPAIN, Wanda, Hudgings**; 1432 Hartman Drive, Lilburn, GA 30047 (US).

(74) **KERVEN, David, S. et al.** / etc.; Needle and Rosenberg, P.C., 127 Peachtree Street, N.E., The Candler Building, 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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06K 7/10, 9/22

(11) WO 03/042904 (13) A1

(21) PCT/US02/36864

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 10/014,342 13 Nov/nov 2001 US (13.11.2001)

(30) Not furnished / 13 Nov/nov 2002 US non communiqué (13.11.2002)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • AUTOMATICALLY-ACTIVATED HAND-SUPPORTABLE MULTI-MODE LASER SCANNING BAR CODE SYMBOL READING SYSTEM

- SYSTEME MANUEL DE LECTURE DE SYMBOLES DE CODE A BARRES PAR BALAYAGE LASER MULTIMODE ACTIVE AUTOMATIQUEMENT

(63) US 10/014,032 (CIP)
13 Nov/nov 2001 (13.11.2001)

US Not furnished / non communiqué (CIP)
13 Nov/nov 2002 (13.11.2002)

(71) **METROLOGIC INSTRUMENTS, INC.** [US/US]; 90 Coles Road, Blackwood, NJ 08012 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMIDT, Mark, C.** [US/US]; 1659 Woodland Drive, Williamstown, NJ 08094 (US). **MARTIN, William** [US/US]; 607 Scarlett Court, Williamstown, NJ 08094 (US). **WILZ, David, M., Sr.** [US/US]; 10 Orion Way, Sewell, NJ 08080 (US). **AMUNDSEN, Thomas** [US/US]; 620 Glen Court, Turnersville, NJ 08012 (US). **GIORDANO, Patrick, A.** [US/US]; 1501 Little Gloucester Road, Fountainview, Apt. #U-40, Blackwood, NJ 08012 (US). **RUSSELL, Garrett, K.** [US/US]; 1445 Brandywine Boulevard, Wilmington, DE 19809 (US). **EDMONDS, Shane** [US/US]; 1341 Blackwood-Clementon Road, Apartment #972, Clementon, NJ 08021 (US). **DIPLACIDO, Kevin** [US/US]; 2 Fairmount Avenue, Erial, NJ 08081 (US). **KNOWLES, Harry, C.** [US/US]; 425 East Linden Street, Moorestown, NJ 08057 (US). **KOLIS, George** [US/US]; 5037 Jackson Avenue, Pennsauken, NJ 08110 (US). **COLAVITO, Stephen, J.** [US/US]; 3520 Edgewater Lane, Brookhaven, PA 19015-2607 (US). **MOVSESSIAN, Sergio** [US/US]; 2105 Church Road, Flourtown, PA 19031 (US). **JEFFERSON, Matthew, R.** [US/US]; 43 Island View Terrace, Seaville, NJ 08230 (US).

(74) **PERKOWSKI, Thomas, J. et al.** / etc.; Thomas J. Perkowski, P.C., Soundview Plaza, 1266 East Main Street, Stamford, CT 06902 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06K 9/00

(11) WO 03/042905 (13) A1

(21) PCT/EP02/12218

(22) 31 Oct/oct 2002 (31.10.2002)

(25) de (26) de

(30) 101 56 157.1 15 Nov/nov 2001 DE (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • METHOD AND DEVICE FOR IDENTIFYING AN OBJECT

- PROCÉDE ET DISPOSITIF D'IDENTIFICATION D'UN OBJET

(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) **DAMRATH, Joachim** [DE/DE]; Raiffeisenstr. 7, 89429 Bachhagel (DE).

(74) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH**; Hochstr. 17, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06K 9/00, G07C 9/00

(11) WO 03/042906 (13) A1

(21) PCT/SE02/02052

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 0103738-1 12 Nov/nov 2001 SE (12.11.2001)

(30) 60/331,444 16 Nov/nov 2001 US (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • METHOD AND DEVICE FOR MATCHING FINGERPRINTS

- PROCÉDE ET DISPOSITIF PERMETTANT DE COMPARER DES EMPREINTES DIGITALES

(71) **PRECISE BIOMETRICS AB** [SE/SE]; Dag Hammarskjölds väg 2, S-224 64 Lund (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NILSSON, Jonas** [SE/SE]; Klostergatan 5 C, S-222 22 Lund (SE).

(74) **PERKLEV, Cecilia**; Awapatent AB, Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ G06K 9/00, 11/18, G06F 3/033

(11) WO 03/042907 (13) A1

(21) PCT/SE02/02067

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 0103770-4 13 Nov/nov 2001 SE (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A METHOD FOR FREEING MEMORY IN A DEVICE WITH LIMITED MEMORY STORING PENSTROKES
• PROCÉDE POUR LIBÉRER DE LA MÉMOIRE DANS UN DISPOSITIF À MÉMOIRE LIMITÉE MEMORISANT LES COUPS DE CRAYON

(71) ANOTO AB [SE/SE]; Scheelevägen 19 C, S-223 70 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRYBORN, Mattias [SE/SE]; Karl den XII gatan 16 A, S-22 220 Lund (SE). SPARRE, Erik [SE/SE]; Vallgatan 1B, S-234 32 Lomma (SE).

(74) AWAPATENT AB; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06K 09/00, G06F 17/60

(11) WO 03/042908 (13) A1

(21) PCT/SE02/01642

(22) 13 Sep/sep 2002 (13.09.2002)

(25) sv (26) en

(30) 0103051-9 14 Sep/sep 2001 SE (14.09.2001)

(30) 60/318,820 14 Sep/sep 2001 US (14.09.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND MEANS TO PREVENT PAYMENT EVASION AT SELF SERVICE STATIONS
• PROCÉDE ET MOYENS PERMETTANT LA PREVENTION D'ÉVASION DE PAIEMENT A DES STATIONS LIBRE-SERVICE

(71) PRODUKT POOLEN I STOCKHOLM AB [SE/SE]; Stockholmsvägen 166, S-187 32 Täby (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OEST, Douglas [SE/SE]; Stockholmsvägen 166, S-187 32 Täby (SE). JOHANS-SON, Göran [SE/SE]; Safirstigen 41, S-196 33 Kungsängen (SE).

(74) SVENSSON, Niklas et al. / etc.; P O Box 5581, Linnégatan 2, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 11/12

(11) WO 03/042909 (13) A1

(21) PCT/KR02/02089

(22) 9 Nov/nov 2002 (09.11.2002)

(25) en (26) en

(30) 2001/70662 14 Nov/nov 2001 KR (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ELECTRODE STRUCTURE IN TOUCH SCREEN
• STRUCTURE D'ELECTRODE D'ECRAN TACTILE

(71) A. TOUCH CO., LTD. [KR/KR]; 12 F, Wooree Venture Town, 684-2 Deungchon-dong, Kangseo-gu, 157-030 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KWAK, Do-II [KR/KR]; 12 F, Wooree Venture Town, 684-2 Deungchon-dong, Kangseo-gu, 157-030 Seoul (KR). AHN, Young-Soo [KR/KR]; 12 F, Wooree Venture Town, 684-2 Deungchon-dong, Kangseo-gu, 157-030 Seoul (KR).

(74) LEE, Keon-Joo; Mihwa Bldg. 110-2, Myongryun-dong 4-ga, Chongro-gu, 110-524 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06K 11/18, G05G 9/047

(11) WO 03/042910 (13) A1

(21) PCT/FR02/03671

(22) 25 Oct/oct 2002 (25.10.2002)

(25) fr (26) fr

(30) 01/14750 13 Nov/nov 2001 FR (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • COMPUTER LIGHT PEN AND COMPUTER TO BE USED WITH SAME

- STYLET POUR ORDINATEUR ET ORDINATEUR DESTINE A ETRE UTILISE AVEC UN TEL STYLET

(71) FRANCE TELECOM [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEFUANS, Christine [FR/FR]; 9, avenue du Bourcet, F-38240 Meylan (FR).
BERGE, Jean-Michel [FR/FR]; 2, allée du St Eynard, F-38330 Saint Nazaire les Eymes (FR).
GRATTARD, Gilles [FR/FR]; 20, allée des Myosotis, F-38610 Gières (FR).

(74) DAUDE, Delphine; France Telecom R & D/VAT/PI, 38-40, rue du Général Leclerc, F-92794 Issy Moulineaux Cedex 9 (FR).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06K 19/00

(11) WO 03/042911 (13) A2

(21) PCT/EP02/12577

(22) 11 Nov/nov 2002 (11.11.2002)

(25) de (26) de

(30) 101 55 935.6 14 Nov/nov 2001 DE (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INTELLIGENT LABEL

- ETIQUETTE INTELLIGENTE

(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) JUNG, Stefan [DE/DE]; Holzstrasse 15 d, 80469 München (DE).
LAUTERBACH, Christl [DE/DE]; Rosenstrasse 6, 85635 Höhenkirchen-Siegertsbrunn (DE).

(74) MÜLLER-BORE & PARTNER; Grafinger Strasse 2, 81671 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G06K 19/06

(11) WO 03/042912 (13) A1

(21) PCT/SE02/01641

(22) 13 Sep/sep 2002 (13.09.2002)

(25) en (26) en

(30) 0103029-5 13 Sep/sep 2001 SE (13.09.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PRODUCT WITH A CODING PATTERN AND METHOD, DEVICE AND COMPUTER PROGRAM FOR CODING AND DECODING THE PATTERN

- PRODUIT AVEC STRUCTURE DE CODAGE ET PROCÉDE, DISPOSITIF ET PROGRAMME INFORMATIQUE DESTINES A CODER ET A DECODER LA STRUCTURE

(71) ANOTO AB [SE/SE]; Scheelevägen 19C, S-223 70 Lund (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PETERSSON, Mats, Petter [SE/SE]; Bankgatan 9 A, S-223 52 Lund (SE).
ERICSON, Petter [SE/SE]; S:t Pauli Kyrkogata 16A, S-211 49 Malmö (SE).

(74) AWAPATENT AB; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06K 19/07, 7/00

(11) WO 03/042913 (13) A1

(21) PCT/IB02/04519

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 01000638.5 16 Nov/nov 2001 EP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DATA CARRIER FOR TRANSMITTING DATA WITH DIFFERENT REPETITION FREQUENCIES

- PORTEUSE DE DONNES POUR LA TRANSMISSION DE DONNEES AVEC DIFFERENTES FREQUENCES DE REPETITION

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) AMTMANN, Franz; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) WEBER, Helmut; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 19/07

(11) WO 03/042914 (13) A1

(21) PCT/IB02/04670

(22) 6 Nov/nov 2002 (06.11.2002)

(25) en (26) en

(30) 01000637.7 16 Nov/nov 2001 EP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DATA CARRIER FOR TRANSMITTING DATA WITH DIFFERENT TRANSMISSION PARAMETERS

- PORTEUSE DE DONNEES PERMETTANT D'EMETTRE DES DONNEES AVEC DES PARAMETRES D'EMISSIION DIFFERENTS

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) PREISHUBER-PFLUEGL, Josef; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
AMTMANN, Franz; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) WEBER, Helmut; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 19/07, H04N 5/225

(11) WO 03/042915 (13) A1

(21) PCT/JP02/11952

(22) 15 Nov/nov 2002 (15.11.2002)

(25) ja (26) ja

(30) 2001-350956 16 Nov/nov 2001 JP (16.11.2001)

(30) 2002-175779 17 Jun/juin 2002 JP (17.06.2002)

(30) 2002-278177 24 Sep/sep 2002 JP (24.09.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • RECORDING MEDIUM, CONTENT RECORDING/REPRODUCING SYSTEM, CONTENT REPRODUCING APPARATUS, CONTENT RECORDING APPARATUS, AND CONTENT RECORDING APPARATUS

- SUPPORT D'ENREGISTREMENT, SYSTEME D'ENREGISTREMENT/REPRODUCTION DE CONTENUS, APPAREIL D'ENREGISTREMENT DE

CONTENU ET DISPOSITIF DE RECO-
DAGE DE CONTENU

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AONO, Tomoko [JP/JP]; 6-13-18, Makuharihongo, Hanamigawa-ku, Chiba-shi, Chiba 262-0033 (JP). OHARA, Kazuto [JP/JP]; 4-34-7-101, Narashinodai, Funabashi-shi, Chiba 274-0063 (JP). NOMURA, Toshio [JP/JP]; 556-1-105, Tatemachi, Hachioji-shi, Tokyo 193-0944 (JP). ITO, Motohiro [JP/JP]; 6-1-25-303, Macharagashi, Funabashi-shi, Chiba 274-0825 (JP). KATATA, Hiroyuki [JP/JP]; 2-20-686, Honda-cho, Midori-ku, Chiba-shi, Chiba 266-0005 (JP).

(74) HARA, Kenzo et al. / etc.; HARA KENZO PATENT LAW FIRM, Daiwa Minamimori-machi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku, Osaka-shi, Osaka 530-0041 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06K 19/077, B65D 19/00, B65G 1/00, B66F 9/06

(11) WO 03/042916 (13) A1

(21) PCT/US02/33740

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 09/992,711 12 Nov/nov 2001 US (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • RADIO FREQUENCY IDENTIFICATION SYSTEMS FOR ASSET TRACKING

• SYSTEMES D'IDENTIFICATION PAR RADIOFREQUENCE POUR LE SUIVI DE BIENS

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) CYBULSKI, Eric, R.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). DEHN, Francis, D.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). FRANCIS, Robert, C.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). HOGERTON, Peter, B.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). KALLESTAD, Mary, C.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). KROPP, Karl, M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). MCGEE, James, P.; Post Office Box 33427, Saint Paul, MN

55133-3427 (US). TONG, Sai-Kit; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) BUSS, Melissa E. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ G06M 1/04, 1/26

(11) WO 03/042917 (13) A1

(21) PCT/GB02/05122

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 0127357.2 14 Nov/nov 2001 GB (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INDEXING MECHANISM
• MECANISME D'INDEXAGE

(71) ABB METERING LIMITED [GB/GB]; Pondwicks Road, Luton, Bedfordshire LU1 3LJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROPER, Ronald, Gordon [GB/GB]; 85 Hart Lane, Luton, Bedfordshire LU2 0JG (GB).

(74) MOIR, Michael, Christopher 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06N 5/00

(11) WO 03/042918 (13) A2

(21) PCT/EP02/12824

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 0127552.8 16 Nov/nov 2001 GB (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ANALYSING EVENTS
• ANALYSE D'EVENEMENTS

(71) ABB AB [SE/SE]; Kopparbergsv. 2, S-721 83 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEIDL, Galia [BG/DE]; Vaihinger Str. 7, 711 44 Steinenbronn (BG). VOLLMAR, Gerhard [DE/DE]; Raiffeisenstrasse 12, 67149 Meckenheim (DE).

(74) DAHLSTRAND, Björn; ABB Group Services Center AB, Legal & Compliance/ Intellectual Property, Forskargränd 8, S-721 78 Västerås (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06T

(11) WO 03/042919 (13) A2

(21) PCT/US02/35940

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 60/338,395 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ULTRA-WIDEBAND IMAGING SYSTEM
• SYSTEME D'IMAGERIE A BANDE ULTRALARGE

(71) PULSE-LINK, INC. [US/US]; 9155 Brown Deer Road, Suite 8, San Diego, CA 92121 (US).

(72) SANTHOFF, John; 12631 El Camino Real #2406, San Diego, CA 92130 (US).

(74) BROOK, Mitchell, P.; Luce, Forward, Hamilton, & Scripps LLP, 11988 El Camino Real, Suite 200, San Diego, CA 92130 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

- MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06T 5/00
- (11) WO 03/042920 (13) A1
- (21) PCT/EP02/07702
- (22) 10 Jul/juil 2002 (10.07.2002)
- (25) de (26) de
- (30) 10156040.0 15 Nov/nov 2001 DE
(15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND DEVICE FOR THE
CORRECTION OF A SCANNED IM-
AGE
- PROCEDE ET DISPOSITIF POUR COR-
RIGER UNE IMAGE NUMERISEE
- (71) OCE DOCUMENT TECHNOLOGIES
GMBH [DE/DE]; Max-Stromeyer-Strasse
116, 78467 Konstanz (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) FREI, Bernhard [DE/DE]; Zum Purren
2, 78465 Konstanz (DE).
- (74) SCHAUMBURG, Karl-Heinz et al. / etc.;
Schaumburg-Thoenes-Thurn, Postfach 86 07
48, 81634 München (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ G06T 5/00, G01R 33/563
- (11) WO 03/042921 (13) A1
- (21) PCT/US02/36543
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 10/011,036 13 Nov/nov 2001 US
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND APPARATUS FOR
THREE-DIMENSIONAL FILTERING
OF ANGIOGRAPHIC VOLUME DATA
- PROCEDE ET APPAREIL DE FIL-
TRAGE TRIDIMENSIONNEL DE DON-
NEES DE VOLUMES ANGIOGRA-
PHIQUES
- (71) KONINKLIJKE PHILIPS ELECTRON-
ICS NV [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL). PHILIPS
MEDICAL SYSTEMS (CLEVELAND),
INC. [US/US]; 595 Miner road, Cleveland,
OH 44143 (US).
- (72) SURI, Jasjit, S.; 655 Dewitt Drive, Highland
Heights, OH 44143 (US). LIU, Kecheng;
32701 S. Roundhead Drive, Solon, OH 44139
(US).
- (74) LUNDIN, Thomas, M.; Philips Medical
Systems (Cleveland) Inc., 595 Miner Road,
Cleveland, OH 44143 (US) et al. / etc.
- (81) JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
-
- (51)⁷ G06T 7/00
- (11) WO 03/042922 (13) A2
- (21) PCT/IB02/04587
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 09/996,003 16 Nov/nov 2001 US
(16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A METHOD AND SYSTEM FOR ES-
TIMATING OBJECTIVE QUALITY OF
COMPRESSED VIDEO DATA
- PROCEDE ET SYSTEME D'ESTIMA-
TION DE LA QUALITE OBJECTIVE
DE DONNEES VIDEO COMPRESSEES
- (71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
- (72) CHEN, Yingwei; Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL).
- (74) LANDOUSY, Christian; Internationaal Oc-
trooibureau 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ G06T 17/00, G01B 11/00
- (11) WO 03/042924 (13) A1
- (21) PCT/FI02/00888
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) fi (26) en
- (30) 20012204 13 Nov/nov 2001 FI
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CONNECTION OF POINT CLOUDS
MEASURED BY A COMPUTER VI-
SION SYSTEM
- CONNEXION DE NUDES DE POINTS
MESURES PAR UN SYSTEME DE VI-
SION PAR ORDINATEUR
- (71) MAPVISION OY LTD [FI/FI]; Tietäjantie
10, FIN-02130 Espoo (FI).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) LEIKAS, Esa [FI/FI]; Tietäjantie 10,
FIN-02130 Espoo (FI).
- (74) PAPULA OY; P.O. Box 981, (Fredrikinkatu
61 A), FIN-00101 Helsinki (FI).
- (81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL PT
RO RU SC SD SE SG SI SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06T 17/40
- (11) WO 03/042925 (13) A1
- (21) PCT/US02/34924
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 09/990,829 9 Nov/nov 2001 US
(09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • GRAPHICAL INTERFACE FOR MA-
NIPULATION OF 3D MODELS

- INTERFACE GRAPHIQUE POUR MANIPULATION DE MODELES EN 3D
- (71) NEXTEENGINE, INC. [US/US]; 401 Wilshire Boulevard, Suite 900, Santa Monica, CA 90401 (US).
- (72) KNIGHTON, Mark, S.; 1920 La Mesa Drive, Santa Monica, CA 90402 (US). MOYER, Todd, C.; 3710 Midvale Avenue #207, Los Angeles, CA 90034 (US). SIDNEY, Kent, E.; 1830 Stoner Avenue, Apartment #5, Los Angeles, CA 90025 (US). MCKINLEY, William, D.; 13935 Tahiti Way #148, Marina Del Rey, CA 90292 (US).
- (74) COESTER, Thomas, M. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G07B 15/00, G08G 1/123
- (11) WO 03/042926 (13) A1
- (21) PCT/EP02/10774
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) de (26) de
- (30) 101 55 501.6 13 Nov/nov 2001 DE (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DETECTION SYSTEM FOR SURFACE AREAS FOR DETECTING VEHICLES WITH A GPS
- SYSTEME DE DETECTION EN SURFACE DESTINE A LA DETECTION DE VEHICULES AU MOYEN DE GPS
- (71) VODAFONE AG [DE/DE]; Mannesmannufer 2, 40213 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARKER, Ronald [US/DE]; Zielstattstr. 105, 81379 München (DE). QUARTIER, Frank [DE/DE]; Tavenraatstrasse 126, 47533 Kleve (DE).
- (74) WEISSE, Jürgen; Bökenbuschstr. 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G07C
- (11) WO 03/042928 (13) A2
- (21) PCT/US02/36346
- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
- (r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (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 TN 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (u) for / pour US only / seulement
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- (51)⁷ G07C
- (11) WO 03/042927 (13) A2
- (21) PCT/IB02/04555
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 10/011,217 15 Nov/nov 2001 US (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • USING REAL RANDOM NUMBER GENERATOR AS PROOF OF TIME
- EMPLOI D'UN GENERATEUR DE NOMBRES ALEATOIRES COMME PREUVE TEMPORELLE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) EPSTEIN, Michael, A.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G07C
- (11) WO 03/042928 (13) A2
- (21) PCT/US02/36346
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/350,709 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • FAULT MANAGEMENT SYSTEM FOR GAS TURBINE ENGINES
- SYSTEME DE GESTION DES PANNES POUR TURBINES A GAZ
- (71) GOODRICH PUMP & ENGINE CONTROL SYSTEMS, INC. [US/US]; Box 330651, Charter Oak Boulevard, West Hartford, CT 06133-0651 (US).
- (72) GALLANT, Steven; 51 Abbott Road, Ellington, CT 06029 (US). ZAGRANSKI, Raymond, D.; 50 Cricket Lane, Somers, CT 06071 (US).
- (74) SILVIA, David, J.; Cummings & Lockwood LLC, 700 State Street, P.O. Box 1960, New Haven, CT 06509-1960 (US).
- (81) JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ G07C 1/30, G07B 15/02, G08B 21/24
- (11) WO 03/042929 (13) A1
- (21) PCT/IB02/04573
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) fr (26) fr
- (30) 01/14755 14 Nov/nov 2001 FR (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND DEVICE FOR AUTOMATICALLY EMITTING AN ALARM SIGNAL
- PROCEDE ET DISPOSITIF D'EMISSION AUTOMATIQUE D'UN SIGNAL D'ALERTE
- (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 Reisterstown Road, Owings Mills, MD 21117 (US).
(only for / seulement pour MC)
- (72, 75) MACHICOANE, Thierry [FR/FR]; 17, chemin du Grand Mont, F-25170 Champagny (FR).
- (74) SCHLUMBERGER SYSTEMES; Francis Fernandez, Service de la Propriété Intellectuelle, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07C 9/00

(11) WO 03/042930 (13) A1

(21) PCT/IT01/00562

(22) 8 Nov/nov 2001 (08.11.2001)

(25) it (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • ANCILLARY PROTECTION SYSTEM AGAINST THE UNAUTHORIZED USE OF AN ACCESS AND/OR IGNITION KEY

• SYSTEME DE PROTECTION ACCES-SOIRE CONTRE L'UTILISATION NON AUTORISEE D'UNE CLE D'ACCES ET/OU DE CONTACT

(71) VEGA ELETTRONICA S.R.L. [IT/IT]; Via Caronaccio, 30, I-21040 Morazzone (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STASI, Paolo [IT/IT]; Via San Giorgio, 11, I-21050 Cantello (IT).

(74) PELLEGRINI, Alberto et al. / etc.; c/o Società Italiana Brevetti S.p.A., Piazza Repubblica, 5, I-21100 Varese (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 G07C 13/00

(11) WO 03/042931 (13) A1

(21) PCT/GB02/04036

(22) 3 Sep/sep 2002 (03.09.2002)

(25) en (26) en

(30) 0127350.7 14 Nov/nov 2001 GB (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • VOTE RECORDING & COUNTING APPARATUS AND METHOD

• PROCEDE ET APPAREIL D'ENREGISTREMENT ET DE COMPTAGE DES VOTES

(71) DRS DATA & RESEARCH SERVICES PLC [GB/GB]; 1 Danbury Court, Linford Wood, Milton Keynes MK14 6LR (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Anthony, Christopher, John [GB/GB]; 35 Resthaven Road, Wootton, Northampton NN4 6LB (GB).

(74) GOODENOUGH, Nigel et al. / etc.; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07C 15/00, A63F 3/06

(11) WO 03/042932 (13) A1

(21) PCT/SE02/01758

(22) 26 Sep/sep 2002 (26.09.2002)

(25) sv (26) en

(30) 0103191-3 26 Sep/sep 2001 SE (26.09.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SET OF LOTTERY TICKETS AND A GAME ARRANGEMENT INCLUDING SUCH A SET

• ENSEMBLE DE TICKETS DE LOTERIE ET ARRANGEMENT DE JEU COMPRENANT UN TEL ENSEMBLE

(71) IGS LIMITED [—/—]; Portland House, Glacis Road, P.O. Box 475, Gibraltar (GI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EKLUND, Gert [SE/SE]; Olof Wijksgatan 2A, S-412 55 Göteborg (SE).

(74) ANDERSSON, Per et al. / etc.; Albihns Göteborg AB, P.O. Box 142, S-401 22 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07C 15/00, A63F 3/06

(11) WO 03/042933 (13) A1

(21) PCT/SE02/01759

(22) 26 Sep/sep 2002 (26.09.2002)

(25) sv (26) en

(30) 0103192-1 26 Sep/sep 2001 SE (26.09.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SET OF LOTTERY TICKETS, GAME ARRANGEMENT INCLUDING SUCH A SET AND DEVICE FOR GENERATING A SET OF TICKETS

• ENSEMBLE DE TICKETS DE LOTERIE, ARRANGEMENT DE JEU COMPRENANT UN TEL ENSEMBLE ET DISPOSITIF DE PRODUCTION D'UN ENSEMBLE DE TICKETS

(71) IGS LIMITED [—/—]; Portland House, Glacis Road, P.O. Box 475, Gibraltar (GI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EKLUND, Gert [SE/SE]; Olof Wijksgatan 2A, S-412 55 Göteborg (SE).

(74) ALBIHNS GÖTEBORG AB; P.O. Box 142, S-401 22 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07C 15/00, A63F 3/06

(11) WO 03/042934 (13) A1

(21) PCT/SE02/01760

(22) 26 Sep/sep 2002 (26.09.2002)

(25) sv (26) en

(30) 0103193-9 26 Sep/sep 2001 SE (26.09.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SET OF LOTTERY TICKETS, GAME ARRANGEMENT AND A DEVICE FOR GENERATING A SET OF TICKETS

• ENSEMBLE DE TICKETS DE LOTERIE, ARRANGEMENT DE JEU ET DISPOSITIF DE PRODUCTION D'UN ENSEMBLE DE TICKETS

(71) IGS LIMITED [—/—]; Portland House, Glacis Road, P.O. Box 475, Gibraltar (GI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EKLUND, Gert [SE/SE]; Olof Wijksgatan 2A, S-412 55 Göteborg (SE).

(74) ANDERSSON, Per et al. / etc.; Albihns Göteborg AB, P.O. Box 142, S-401 22 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07C 15/00, A63F 3/06

(11) WO 03/042935 (13) A1

(21) PCT/SE02/01761

(22) 26 Sep/sep 2002 (26.09.2002)

(25) sv (26) en

(30) 0103194-7 26 Sep/sep 2001 SE (26.09.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • GAME ARRANGEMENT

• AGENCEMENT LUDIQUE

(71) IGS LIMITED [—/—]; Portland House, Glacis Road, P.O. Box 475, Gibraltar (GI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EKLUND, Gert [SE/SE]; Olof Wijksgatan 2A, S-412 55 Göteborg (SE).

(74) ANDERSSON, Per et al. / etc.; Albihns Göteborg AB, P.O. Box 142, S-401 22 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07D 7/20, G09F 3/00

(11) WO 03/042936 (13) A1

(21) PCT/EP02/12766

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 01830703.3 14 Nov/nov 2001 EP (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM TO CHECK AND CERTIFY THE AUTHENTICITY OF LABELS

• SYSTEME PERMETTANT DE VERIFIER ET DE CERTIFIER L'AUTHENTICITE D'ETIQUETTES

(71) SYS S.P.A. [IT/IT]; Strada Trossi 8, I-13871 VERRONE (BIELLA) (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SELVA, Claudio [IT/IT]; Strada Cascina Ottaviana, I-13900 BIELLA (IT). PLATONE, Maurizio [IT/IT]; Fraz. Breuil - Cervinia, I-11028 VALTOURNENCHE (AOSTA) (IT). SERRANI, Vincenzo [IT/IT]; Corso S. Lorenzo 61, I-13878 CANDELO (BIELLA) (IT).

(74) FAGGIONI, Marco et al. / etc.; FUMERO STUDIO CONSULENZA BREVETTI, Via S. Agnese 12, I-20123 MILANO (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07D 13/00

(11) WO 03/042937 (13) A2

(21) PCT/EP02/12713

(22) 13 Nov/nov 2002 (13.11.2002)

(25) de (26) de

(30) 101 55 731.0 14 Nov/nov 2001 DE (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DISPOSABLE CONTAINER FOR RECEIVING VALUABLE OBJECTS

• CONTENANT A USAGE UNIQUE DESTINE A RECEVOIR DES OBJETS DE VALEUR

(71) GIESECKE & DEVRIENT GMBH [DE/DE]; Prinzregentenstrasse 159, 81667 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BILLEP, Stefan [DE/ES]; Calle Playa de las Americas 34, 1^B, E-28290 Las Martas (ES). HARTMANN, Mark [DE/DE]; Hauptstrasse 26, 82387 Aindorf (DE).

(74) KLUNKER, SCHMITT-NILSON, HIRSCH; Winzererstrasse 106, 80797 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07F

(11) WO 03/042938 (13) A2

(21) PCT/EP02/12782

(22) 14 Nov/nov 2002 (14.11.2002)

(25) de (26) de

(30) 01127042.8 14 Nov/nov 2001 EP (14.11.2001)

(30) 02005762.6 13 Mar/mar 2002 EP (13.03.2002)

(30) 02005763.4 13 Mar/mar 2002 EP (13.03.2002)

(30) 02010457.6 8 May/mai 2002 EP (08.05.2002)

(30) 60/389,617 17 Jun/juin 2002 US (17.06.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PAYMENT PROTOCOL AND DATA TRANSMISSION METHOD AND DATA TRANSMISSION DEVICE FOR CONDUCTING PAYMENT TRANSACTIONS

• PROTOCOLE DE PAIEMENT ET PROCEDE ET DISPOSITIF DE TRANSMISSION DE DONNEES POUR EXECUTER DES TRANSACTIONS DE PAIEMENT

(71) ENCORUS TECHNOLOGIES GMBH [DE/DE]; Industriestrasse 3, 70565 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AMMERMANN, Dirk [DE/DE]; Hans-Holbein-Strasse 30, 70771 Leinfelden-Echterdingen (DE). OFFER, Gero [DE/DE]; Schönbuchstrasse 3, 71116 Gärtringen (DE). MARRA, Andreas [DE/DE]; Bismarckstrasse 77, 70197 Stuttgart (DE). KRUPPA, Stephan [DE/DE]; Wägelestrasse 11, 70597 Stuttgart (DE). BOUCEKA, Denis [DE/DE]; Muenchinger Strasse 13, 70439 Stuttgart (DE). SCHULZE, Andreas [DE/DE]; Bismarckstrasse 67, 70197 Stuttgart (DE). HACKETT, Damian [DE/DE]; Metzgergasse 4-1, 72070 Tübingen (DE). BIECHELE, Bernd [DE/DE]; Augustenstrasse 122, 70197 Stuttgart (DE). MÄNNLE, Manfred [DE/DE]; Ziegelstrasse 64, 66113 Saarbrücken (DE). ZIMMERMANN, Holger [DE/DE]; Wendishain 7c, 04746 Hartha (DE). BLUMERT, Ove [DE/DE]; Bassermannstrasse 13, 70565 Stuttgart (DE). WEBER, Michael [DE/DE]; Steinbergstrasse 73, 72764 Reutlingen (DE). MOST, Lysann [DE/DE]; Siedlungsweg 1, 04603 Romschütz (DE). KÖHN-TÖPP, Frank [DE/DE]; Langenfelder Weg 7, 55606 Hochstetten-Dhaun (DE).

(74) HEINZE, Ekkehard; Meissner, Bolte & Partner, Postfach 86 06 24, 81633 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07F 17/00

(11) WO 03/042939 (13) A2

(21) PCT/HU02/00123

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) U 0100292 15 Nov/nov 2001 HU (15.11.2001)

(30) U 0200271 30 Sep/sep 2002 HU (30.09.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DEVICE FOR SELLING INFORMATION FOR MOBILE PHONES

• DISPOSITIF DE VENTE D'INFORMATIONS A DES TELEPHONES MOBILES

(71, 72) BUDAI, Balázs [HU/HU]; Béla Király út 13/a, H-1125 Budapest (HU). GROSSCHMID, Gábor [HU/HU]; Hársfa u. 3, H-2094 Nagykövácsi (HU). ROSTÁS, Gergely [HU/HU]; Temesvár u. 71, H-1194 Budapest (HU).

(74) BOKOR, Tamás; S.B.G. & K. Patent and Law Offices, Andrásy 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G07F 17/16

(11) WO 03/042940 (13) A2

(21) PCT/HU02/00125

(22) 18 Nov/nov 2002 (18.11.2002)

(25) hu (26) en

(30) P0104972 16 Nov/nov 2001 HU
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • COMPUTER-BASED PUBLIC COMMUNICATION TERMINAL

- TERMINAL DE COMMUNICATION PUBLIC INFORMATISE

(71, 72) GABÁNYI, Tibor [HU/HU]; Dési Huber utca 11/2, H-1098 Budapest (HU).

(74) FREY, Julianna; Patent Attorney, Tétényi út 120, H-1119 Budapest (HU).

(81) AU NZ.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G07F 19/00

(11) WO 03/042941 (13) A2

(21) PCT/EP02/12920

(22) 18 Nov/nov 2002 (18.11.2002)

(25) de (26) de

(30) 60/331,470 16 Nov/nov 2001 US
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • METHOD AND DEVICE FOR THE COMPUTER-IMPLEMENTED PROCESSING OF ELECTRONIC PAYMENT ORDERS

- PROCEDE ET DISPOSITIF DE TRAITEMENT INFORMATIQUE D'ORDRES DE PAIEMENT ELECTRONIQUES

(71) SAP AKTIENGESELLSCHAFT [DE/DE]; Neurottstr. 16, 69190 Walldorf (DE).

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(72, 75) ABT, Jürgen [DE/DE]; Am Rainacker 4, 69231 Rauenberg (DE). GRÄSER, Thomas [DE/DE]; Oberdorfstr. 25, 69245 Bamental (DE). GUTBROD, Roger [DE/DE]; Konrad-Adenauer-Strasse 48, 69207 Sandhausen (DE). HAFNER, Gerhard [DE/DE]; Geschwister-Scholl-Strasse 49, 69214 Eppelheim (DE).

(74) HÖSSLE KUDLEK & PARTNER; Postfach 10 23 38, 70019 Stuttgart (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model /

modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07F 19/00

(11) WO 03/042942 (13) A2

(21) PCT/EP02/12923

(22) 18 Nov/nov 2002 (18.11.2002)

(25) de (26) de

(30) 60/331,470 16 Nov/nov 2001 US
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • METHOD AND DEVICE FOR THE COMPUTER-IMPLEMENTED PROCESSING OF PAYMENT POSTINGS

- PROCÉDÉ ET DISPOSITIF DE TRAITEMENT INFORMATIQUE D'ÉCRITURES DE PAIEMENT

(71) SAP AKTIENGESELLSCHAFT [—/DE]; Neurottstrasse 16, 69190 Walldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHROTER, Martin [DE/DE]; Weinbergstrasse 44, 76669 Bad Schönborn (DE). HAAS, Rolf [DE/DE]; Im Gehrn 12, 78713 Schramberg (DE).

(74) HÖSSLE KUDLEK & PARTNER; Postfach 10 23 38, 70019 Stuttgart (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08B

(11) WO 03/042943 (13) A2

(21) PCT/EP02/12634

(22) 12 Nov/nov 2002 (12.11.2002)

(25) de (26) de

(30) 101 55 550.4 12 Nov/nov 2001 DE
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • METHOD AND EMERGENCY CALL DEVICE FOR TRIGGERING AN EMERGENCY CALL FROM A VEHICLE

- PROCEDE ET DISPOSITIF D'APPEL D'URGENCE PERMETTANT DE DECLENCHER UN APPEL D'URGENCE A PARTIR D'UN VEHICULE

(71) HARMAN/BECKER AUTOMOTIVE SYSTEMS (BECKER DIVISION) GMBH [DE/DE]; Im Stöckmädle 1, 76307 Karlsbad (DE).

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(72, 75) LAPPE, Dirk [DE/DE]; Schilling-von-Canstatt-Str. 10a, 76228 Karlsruhe (DE). HOVESTADT, Guido [DE/DE]; Hohe Strasse 30, 58739 Wickede-Ruhr (DE).

(74) WESTPHAL, MUSSGNUG & 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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08B 13/14

(11) WO 03/042944 (13) A1

(21) PCT/FR02/03884

(22) 13 Nov/nov 2002 (13.11.2002)

(25) fr (26) fr

(30) 01/14670 13 Nov/nov 2001 FR
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • WIRE SECURITY DEVICE FOR DETECTING THEFT OF A PROTECTED OBJECT AND OPERATING METHOD

- DISPOSITIF DE SECURITE FILAIRE POUR LA DETECTION DU VOL D'UN OBJET A PROTEGER ET PROCEDE DE FONCTIONNEMENT.

(71) SAAA - SYSTEMES D'AUTOMATISMES D'ALARME AUTOMATIQUES [FR/FR]; Z.A. de la Croix St. Mathieu, F-28320 Gallardon (FR).

(72) BILLIARD, Jean-Pierre; 2, rue Edmond Rostand, F-28110 Luce (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ **G08B 13/186, G02B 6/44, G09F 3/03**
(11) **WO 03/042945** (13) A1
(21) PCT/HU02/00116
(22) **11 Nov/nov 2002 (11.11.2002)**
(25) en (26) en
(30) P 0104870 **13 Nov/nov 2001 HU**
(**13.11.2001**)
(43) 22 May/mai 2003 (22.05.2003)
(54) • SECURITY SEAL UNIT WITH OPTICAL FIBRE
• UNITE D'ETANCHEITE DE SECURITE POUR FIBRES OPTIQUES
(71) **ADEPTUM KFT [HU/HU]**; Badacsonyi u. 17, H-1113 Budapest (HU).
(for all designated States except / pour tous les États désignés sauf US)
(71, 72) **VÍG, Zoltán [HU/HU]**; Vadkacs u. 3, H-1173 Budapest (HU).
(74) **RÓNASZÉKI, Tibor**; Victor Hugo u. 6-8, H-1132 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 ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **G08B 13/194, 21/00**
(11) **WO 03/042946** (13) A1
(21) PCT/IB02/04464
(22) **24 Oct/oct 2002 (24.10.2002)**
(25) en (26) en
(30) 10/014,198 **13 Nov/nov 2001 US**
(**13.11.2001**)
(43) 22 May/mai 2003 (22.05.2003)
(54) • VISION-BASED METHOD AND APPARATUS FOR AUTOMATICALLY ACTIVATING A CHILD SAFETY FEATURE
• APPAREIL ET PROCEDE BASES SUR LA VISION POUR L'ACTIVATION AUTOMATIQUE D'UNE CARACTERISTIQUE DE SECURITE ENFANT
(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]**; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(72) **GUTTA, Srinivas, V., R.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **PHILOMIN, Vasanth**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **TRAJKOVIC, Miroslav**; 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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TN TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **G08C**
(11) **WO 03/042947** (13) A2
(21) PCT/HU02/00118
(22) **12 Nov/nov 2002 (12.11.2002)**
(25) hu (26) en
(30) P 0104960 **15 Nov/nov 2001 HU**
(**15.11.2001**)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD AND APPARATUS FOR CONTROLLING OPERATION OF ELECTRIC APPLIANCES
• PROCEDE ET DISPOSITIF DE COMMANDE DU FONCTIONNEMENT D'APPAREILS ELECTROMENAGERS
(71, 72) **MURLASITS, Attila [HU/HU]**; Recski út 4., H-3200 Gyöngyös (HU).
(74) **DANUBIA PATENT AND TRADEMARK ATTORNEYS**; POB 198, Bajcsy-Zsilinszky út 16., H-1368 Budapest 5. (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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **G08C 17/02, B60C 23/04, 23/20, B60R 25/00, B60C 19/00, H04B 5/02**
(11) **WO 03/042948** (13) A1
(21) PCT/JP02/11885
(22) **14 Nov/nov 2002 (14.11.2002)**
(25) ja (26) ja
(30) 2001-351954 **16 Nov/nov 2001 JP**
(**16.11.2001**)
(43) 22 May/mai 2003 (22.05.2003)
(54) • TIRE MONITORING SYSTEM
• SYSTEME DE MESURE DE LA PRESSION DES PNEUS
(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) **ICHINOSE, Hidemi [JP/JP]**; c/o HONDA GIKEN KOGYO KABUSHIKI KAISHA SUZUKA SEISAKUSHO, 1907 Hirata-cho, Suzuka-shi, Mie 513-8666 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

KONO, Yasuhiko [JP/JP]; c/o HONDA GIKEN KOGYO KABUSHIKI KAISHA SUZUKA SEISAKUSHO, 1907 Hirata-cho, Suzuka-shi, Mie 513-8666 (JP).

- (74) **KOYAMA, Yuu**; Shuwa kioicho TBR Bldg. Suite 922, 5-7, Kojimachi, Chiyoda-ku, Tokyo 102-0083 (JP).

(81) CA US.

- (51)⁷ **G08C 17/02, B60C 23/04, 23/20, B60R 25/00, B60C 19/00, H04B 5/02**
(11) **WO 03/042949** (13) A1
(21) PCT/JP02/11886
(22) **14 Nov/nov 2002 (14.11.2002)**
(25) ja (26) ja
(30) 2001-351955 **16 Nov/nov 2001 JP**
(**16.11.2001**)
(43) 22 May/mai 2003 (22.05.2003)
(54) • TIRE SENSOR UNIT
• CAPTEUR DE PRESSION DES PNEUS
(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) **ICHINOSE, Hidemi [JP/JP]**; c/o HONDA GIKEN KOGYO KABUSHIKI KAISHA SUZUKA SEISAKUSHO, 1907, Hirata-cho, Suzuka-shi, Mie 513-8666 (JP).
KONO, Yasuhiko [JP/JP]; c/o HONDA GIKEN KOGYO KABUSHIKI KAISHA SUZUKA SEISAKUSHO, 1907, Hirata-cho, Suzuka-shi, Mie 513-8666 (JP).
(74) **KOYAMA, Yuu**; Shuwa kioicho TBR Bldg. Suite 922, 5-7, Kojimachi, Chiyoda-ku, Tokyo 102-0083 (JP).
(81) CA US.

- (51)⁷ **G08G 1/0968, 1/09, 1/00, 1/127**
(11) **WO 03/042950** (13) A1
(21) PCT/US02/32428
(22) **10 Oct/oct 2002 (10.10.2002)**
(25) en (26) en
(30) 01204293.3 **9 Nov/nov 2001 EP**
(**09.11.2001**)
(43) 22 May/mai 2003 (22.05.2003)
(54) • TRAFFIC MANAGEMENT SYSTEM AND METHOD WITH AN INCENTIVE SCHEME
• SYSTEME DE GESTION DE TRAFIC ET PROCEDE AVEC SYSTEME DE REMUNERATION
(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) **DOELLER, Claus [DE/DE]**; Merkurstrasse 2, 40223 Düsseldorf (DE). **KISILOWSKI, Bernd [DE/DE]**; Am Luisenhof 13A, 22159 Hamburg (DE). **RÜSS, Georg [DE/DE]**; Margeritenstrasse 7, 47906 Kempen (DE).
(74) **LILLY, James, V. et al. / etc.**; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08G 1/0969, G01C 21/32

(11) WO 03/042951 (13) A1

(21) PCT/DE02/03316

(22) 6 Sep/sep 2002 (06.09.2002)

(25) de (26) de

(30) 101 55 514.8 13 Nov/nov 2001 DE
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR NAVIGATION OF A VEHICLE
• PROCÉDE DE NAVIGATION D'UN VÉHICULE

(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) BARKOWSKI, Andre [DE/DE]; Erich-Ollenhaur-Strasse 88, 38228 Salzgitter (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G08G 1/123, G08B 25/01

(11) WO 03/042952 (13) A1

(21) PCT/CA02/01748

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 2,361,858 13 Nov/nov 2001 CA
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DATA PROCESSING SYSTEM FOR PROVISIONING TRANSIT STOPS IN A TRANSIT SYSTEM
• SYSTÈME DE TRAITEMENT DE DONNÉES SERVANT À CONSTITUER DES ARRÊTS DE TRANSIT DANS UN SYSTÈME DE TRANSIT

(71) DAYTECH MFG.LTD. [CA/CA]; 70 Disco Road, Suite 101, Toronto, Ontario M9W 1L9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AMLINGER, Patrick, Michael [CA/CA]; 1397 Daniel Creek Road, Mississauga, Ontario L5B 1V3 (CA).

(74) MARKS & CLERK; 350 Burnhamthorpe Road West, Suite 402, Mississauga, Ontario L5B 3J1 (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 TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51) G08G 1/123

(11) WO 03/042953 (13) A2

(21) PCT/NZ02/00248

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 515443 13 Nov/nov 2001 NZ
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • STICK SIGN
• PANNEAU EN FORME DE BORNE

(71) CONNEXIONZ LIMITED [NZ/NZ]; 1 Show Place, Addington, 8001 Christchurch (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BURKE, Robert, Brian [NZ/NZ]; 24 Rugby Street, Merivale, Christchurch (NZ).
BURLING, Robert, Barry [NZ/NZ]; 33 Fenhall Street, Russley, Christchurch (NZ).

(74) BALDWIN SHELSTON WATERS; 342 Lambton Quay, Wellington (NZ).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08G 1/127, G07C 5/08, 5/00

(11) WO 03/042954 (13) A1

(21) PCT/CA02/01742

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 10/003,786 15 Nov/nov 2001 US
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • REMOTE MONITORING AND CONTROL OF A MOTORIZED VEHICLE
• SURVEILLANCE ET COMMANDE À DISTANCE D'UN VÉHICULE À MOTEUR

(71) BELL CANADA [CA/CA]; Beaver Hall Hill 1050, Montreal, Québec H2Z 1S4 (CA).

(72) MAVREAS, Michael; 59 Hersey Crescent, Barrie, Ontario L4N 8R2 (CA).

(74) OGILVY RENAULT; 1981 McGill College Avenue, Suite 1600, Montreal, Québec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G09B 3/00

(11) WO 03/042955 (13) A1

(21) PCT/US02/32175

(22) 8 Oct/oct 2002 (08.10.2002)

(25) en (26) en

(30) 10/036,107 9 Nov/nov 2001 US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS FOR ADVANCED LEADERSHIP TRAINING SIMULATION
• PROCÉDE ET APPAREIL DESTINÉS À LA SIMULATION DE LA FORMATION AVANCÉE DES CADRES

(71) ALTSIM, INC. [US/US]; 5555 Melrose Avenue, Hollywood, CA 90038 (US). UNIVERSITY OF SOUTHERN CALIFORNIA [US/US]; 3716 South Hope Street, Suite 313, Los Angeles, CA 90007-4344 (US).

(72) IUPPA, Nicholas, V.; 1939 Bayview Avenue, Belmont, CA 94002 (US). FAST, Nathaniel, A.; Empire Visualization, Inc., 626 El Dorado Court, Santa Rosa, CA 95404 (US). GORDON, Andrew, S.; 13836 Bora Bora Way, Apt. B-301, Marina del Rey, CA 90292 (US). HILL, Randall, W., Jr.; 1147 N. Catalina Avenue, Pasadena, CA 91104 (US). LINDHEIM, Richard, D.; 166 North Carson, Beverly Hills, CA 90211 (US). SWARTOUT, William, R.; 7105 Fernhill Drive, Malibu, CA 90265 (US).

(74) DEPAUL, Louis, A. et al. / etc.; Reed Smith LLP, P.O. Box 488, Pittsburgh, PA 15230-0488 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G09B 11/00
(11) WO 03/042956 (13) A1
(21) PCT/US02/36286
(22) 13 Nov/nov 2002 (13.11.2002)
(25) en (26) en
(30) 60/331,228 13 Nov/nov 2001 US
(13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD AND SYSTEM FOR COMPUTER BASED TESTING USING A NON-DETERMINISTIC EXAM EXTENSIBLE LANGUAGE (XXL) PROTOCOL
• PROCEDE ET SYSTEME DE TEST INFORMATIQUE UTILISANT UN PROTOCOLE DE LANGAGE (XXL) D'EXAMEN EXTENSIBLE NON DETERMINISTE

(71) PROMETRIC, INC. [US/US]; 1000 Lancaster Street, Baltimore, MD 21202 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BOWERS, Clarke, D. [US/US]; 1000 Lancaster Street, Baltimore, MD 21202 (US).
(74) DONNER, Irah, H. et al. / etc.; Hale and Dorr LLP, 1455 Pennsylvania Avenue, N.W., Washington, DC 20004 (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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G09B 23/28, G09G 5/00
(11) WO 03/042957 (13) A1
(21) PCT/US02/36463
(22) 14 Nov/nov 2002 (14.11.2002)
(25) en (26) en
(30) 60/331,320 14 Nov/nov 2001 US
(14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • MULTI-TACTILE DISPLAY HAPTIC INTERFACE DEVICE
• DISPOSITIF A INTERFACE A AFFICHAGE HAPTIC MULTI-TACTILE
(71) THE HENRY M. JACKSON FOUNDATION [US/US]; 1401 Rockville Pike, Suite 600, Rockville, MD 20852 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) LIU, Alan, V. [US/US]; 18 Waddington Court, Rockville, MD 20850 (US). KAUFMANN, Christoph, R. [US/US]; 2517 Hunter Mill Road, Oakton, VA 22124 (US).
(74) REMENICK, James et al. / etc.; Heller Ehrman White & McAuliffe LLP, Suite 300, 1666 K Street, N.W., Washington, DC 20006-1228 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09F
(11) WO 03/042958 (13) A2
(21) PCT/EP02/12584
(22) 11 Nov/nov 2002 (11.11.2002)
(25) de (26) de
(30) 101 55 914.3 12 Nov/nov 2001 DE
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)
(54) • REVERSIBLE DEFORMABLE POP-UP CONSTRUCTION AND USE THEREOF
• STRUCTURE ANIMEE A DEFORMATION REVERSIBLE ET SON UTILISATION
(71, 72) REIMANN, Walter, C. [DE/DE]; Nollendorferstr. 26, 10777 Berlin (DE).

(81) AE HU ID IL IN JP KE KP KR MA MN MX NO PL RU SG SK US ZA.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G09F 3/03
(11) WO 03/042959 (13) A1
(21) PCT/US02/23942
(22) 25 Jul/juil 2002 (25.07.2002)
(25) en (26) en
(30) 60/332,480 9 Nov/nov 2001 US
(09.11.2001)

(30) 10/133,270 26 Apr/avr 2002 US
(26.04.2002)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD AND APPARATUS FOR PROVIDING CONTAINER SECURITY WITH A TAG
• PROCEDE ET APPAREIL PERMETTANT DE GARANTIR LA SECURITE D'UN CONTENEUR PAR UN SCEAU
(71) SAVI TECHNOLOGY, INC. [US/US]; 615 Tasman Avenue, Sunnyvale, CA 94089-1707 (US).

(72) THORNE, Roderick, E.; 625 Lowell Avenue, Palo Alto, CA 94301 (US). KELESHIAN, Philip, J.; 6013 Majorca Court, San Jose, CA 95120 (US). REDLER, Timothy, R.; 108 Salice Way, Campbell, CA 95008 (US). CHAN, Joseph, S.; 71 Smithwood Avenue, Milpitas, CA 95035 (US). CARGONJA, Nikola; 1423 Elm Street, San Carlos, CA 94070 (US).
(74) SMITH, T., Murray; Baker Botts LLP, 2001 Ross Ave, Suite 600, Dallas, TX 75201-2980 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ

CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations

(51)⁷ G09F 3/14
(11) WO 03/042960 (13) A1
(21) PCT/KR02/02102
(22) 11 Nov/nov 2002 (11.11.2002)
(25) ko (26) en
(30) 2001-34590 U 10 Nov/nov 2001 KR
(10.11.2001)

(43) 22 May/mai 2003 (22.05.2003)
(54) • SIGN PLATE ASSEMBLY
• ENSEMBLE PANNEAU ENSEIGNE
(71, 72) SONG, Chi-Ho [KR/KR]; 107-1202, Hyundai Ewha Apt., 828-2, Bijeon 2-dong, 450-152 Pyungtaek-city, Kyungki-do (KR).

(74) YOU ME PATENT & 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09F 9/302
(11) WO 03/042961 (13) A1
(21) PCT/FR02/03875
(22) 13 Nov/nov 2002 (13.11.2002)
(25) fr (26) fr
(30) 01/14636 13 Nov/nov 2001 FR
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)
(54) • DISPLAY ELECTRONIC LABEL
• ETIQUETTE ELECTRONIQUE A AFFICHAGE AMELIORE
(71) STORE ELECTRONIC SYSTEMS TECHNOLOGIES [FR/FR]; 1-7, rue Henri de France, F-95870 Bezons (FR).

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(72, 75) **CATTEAU, Philippe** [FR/FR]; 111, Boulevard Koenig, F-92200 Neuilly-Sur-Seine (FR). **PETRI, Thierry** [FR/FR]; 1, rue du Renard, F-67450 Mundolsheim (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **G09F 19/22, 13/20 // A62B 5/00, G08B 5/00**

(11) **WO 03/042962** (13) A1

(21) PCT/NO02/00291

(22) **22 Aug/août 2002 (22.08.2002)**

(25) no (26) en

(30) 2001 5568 **14 Nov/nov 2001** NO (14.11.2001)

(30) 60/382,376 **22 May/mai 2002** US (22.05.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • **MARKER DEVICE**

• **DISPOSITIF DE MARQUAGE**

(71, 72) **RAUAN, Tormod** [NO/NO]; Jonas Lies vei 13, N-3269 LARVIK (NO).

(72, 75) **RAUAN, Geir** [NO/NO]; Lovåsen 25c, N-3280 TJODALYNG (NO).

(74) **ONSAGERS AS** et al. / etc.; P.O.Box 6963 St. Olavs plass, N-0130 OSLO (NO).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **G09F 23/00**

(11) **WO 03/042963** (13) A2

(21) PCT/RU02/00246

(22) **23 May/mai 2002 (23.05.2002)**

(25) ru (26) ru

(30) 2001130522 **12 Nov/nov 2001** RU (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • **METHOD FOR ADVERTISING GOODS AND SERVICES**

• **PROCEDE DE PUBLICITE POUR BIENS ET SERVICES**

(71) **PARAMONOV, Andrei Viktorovich** [RU/RU]; ul. 1905 goda, 21-1-87, Novosibirsk, 630132 (RU).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **NIKITIN, Alexandr Nikolaevich** [RU/RU]; ul. Novouralskaya, 25-53, Novosibirsk, 630013 (RU). **VLADIMIROV, Vladimir Alexandrovich** [RU/RU]; ul. Serebrennikovskaya, 2/1-180, Novosibirsk, 630007 (RU). **SITNIKOV, Sergei Georgievich** [RU/RU]; ul. Revoljutsii, 6-348, Novosibirsk, 630092 (RU).

(72, 75) **NIKITINA, Diana Evgenievna** [RU/RU]; ul. Novouralskaya, 25-53, Novosibirsk, 630013 (RU).

(74) **TKACHENKO, Valeria Sergeevna**; OOO "Sojuzpatent", ul. Iliinka, 5/2, Moscow, 113735 (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 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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**

(11) **WO 03/042964** (13) A2

(21) PCT/KR02/01524

(22) **9 Aug/août 2002 (09.08.2002)**

(25) en (26) en

(30) 2001-71153 **15 Nov/nov 2001** KR (15.11.2001)

(30) 2002-1856 **12 Jan/jan 2002** KR (12.01.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • **LIQUID CRYSTAL DISPLAY**

• **AFFICHEUR A CRISTAUX LIQUIDES**

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Mactan-dong, Paldal-gu, Suwon-si, 442-742 Gyeonggi-do (KR).

(72) **KIM, Hyung-Guel**; 505-206, Samsung raemian 5-cha Apt., Suji-cup, Yongin-si, 449-785 Gyeonggi-do (KR). **LEE, Dong-Ho**; 203-101, Hanseong 2cha Apt., Giheung-cup, Yongin-si, 449-735 Gyeonggi-do (KR). **MA, Won-Seok**; 209-404, Imac Hanshin

Apt., #124, Imac-dong, Bundang-gu, Seongnam-si, 463-906 Gyeonggi-do (KR).

(74) **PARK, Young-Woo**; 5F., Seil Building, #727-13, Yoksam-dong, Gangnam-gu, 135-921 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G09G 3/30**

(11) **WO 03/042965** (13) A1

(21) PCT/JP02/08484

(22) **22 Aug/août 2002 (22.08.2002)**

(25) ja (26) ja

(30) 2001-350872 **16 Nov/nov 2001** JP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • **ORGANIC EL PANEL DRIVE CIRCUIT**
• **CIRCUIT DE COMMANDE DE PANNEAU ELECTROLUMINESCENT ORGANIQUE**

(71) **NIPPON SEIKI CO., LTD** [JP/JP]; 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 940-8580 (JP).

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(72, 75) **MARUYAMA, Junichi** [JP/JP]; c/o R & D Center of Nippon seiki Co., Ltd., 190-1, Fujihashi 1-chome, Nagaoka-shi, Niigata 940-2141 (JP). **SUZUKI, Akira** [JP/JP]; c/o R & D Center of Nippon seiki Co., Ltd., 190-1, Fujihashi 1-chome, Nagaoka-shi, Niigata 940-2141 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ **G09G 3/32, G06F 3/14, H01L 27/00, 27/15, G02F 1/1333**

(11) **WO 03/042966** (13) A1

(21) PCT/GB02/05051

(22) **7 Nov/nov 2002 (07.11.2002)**

(25) en (26) en

(30) 0127090.9 **10 Nov/nov 2001** GB (10.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • **DISPLAY FOR A LARGE PANEL DISPLAY CONSISTING OF TILED DISPLAYS**

• **AFFICHAGE POUR VISUEL GRAND ECRAN EN MOSAIQUE**

(71) **IMAGE PORTAL LIMITED** [GB/GB]; Crocus Street, Nottingham NG2 3DR (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ASTON, Mark** [GB/GB]; 3 Southborough Lane, Bromley, Kent BR2 8BH (GB).

(74) **FOX-MALE, Nicholas, H.**; Eric Potter Clarkson, Park View House, 58 The Rope-walk, Nottingham NG1 5DD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G09G 5/00

(11) WO 03/042967 (13) A2

(21) PCT/IB02/04784

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 09/991,141 16 Nov/nov 2001 US (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DYNAMICALLY CONFIGURABLE VIRTUAL WINDOW MANAGER

• GESTIONNAIRE DE FENETRE VIRTUELLE DYNAMIQUEMENT CONFIGURABLE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **ROELOFS, Gregory**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for the following designation / pour la désignation suivante : CN

(51)⁷ G09G 5/00, H04N 7/18

(11) WO 03/042968 (13) A1

(21) PCT/US02/36218

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/331,314 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND SYSTEM FOR PRESENTING REAL TIME PHYSIOLOGICAL INFORMATION THROUGH A HEAD MOUNTED DISPLAY

• PROCEDE ET SYSTEME PERMETTANT DE PRESENTER DES INFORMATIONS PHYSIOLOGIQUES EN TEMPS REEL AU MOYEN D'UN VISOCASQUE

(71) **THE HENRY M. JACKSON FOUNDATION** [US/US]; 1401 Rockville Pike, Suite 600, Rockville, MD 20852 (US).

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(72, 75) **KYLE, Richard, R., Jr.** [US/US]; 4303 Chestnut Street, Bethesda, MD 20814 (US).

VIA, Darin, K. [US/US]; 12607 Bear Creek Terrace, Beltsville, MD 20705 (US).

MONGAN, Paul, D. [US/US]; 10017 Sorrel Avenue, Potomac, MD 20854 (US).

(74) **REMENICK, James et al.** / etc.; Heller Ehrman White & McAuliffe LLP, Suite 300, 1666 K Street, N.W., Washington, DC 20006-1228 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G10G 3/00, G06F 17/00

(11) WO 03/042969 (13) A1

(21) PCT/AU02/00805

(22) 20 Jun/juin 2002 (20.06.2002)

(25) en (26) en

(30) PR 8816 13 Nov/nov 2001 AU (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MUSICAL INVENTION APPARATUS

• DISPOSITIF DE CREATION MUSICALE

(71, 72) **PHILLIPS, Maxwell** [AU/AU]; 271 Lindsay Road, Buderim, Queensland 4556 (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY CZ DE DK ES FI FR GB GR IE 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 G10G 5/00, G10D 3/00

(11) WO 03/042970 (13) A1

(21) PCT/AU02/01385

(22) 11 Oct/oct 2002 (11.10.2002)

(25) en (26) en

(30) PR 8935 15 Nov/nov 2001 AU (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A SUPPORT FOR A MUSICAL INSTRUMENT

• SUPPORT POUR INSTRUMENT DE MUSIQUE

(71, 72) **WORKMAN, Dean, Ronald** [AU/AU]; 14 Creal Court, CURRUMBIN, Queensland 4223 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G10H 1/06, H04R 3/00 // 9/02, H03G 5/00, H03H 9/02

(11) WO 03/042971 (13) A1

(21) PCT/FI02/00897

(22) 13 Nov/nov 2002 (13.11.2002)

(25) fi (26) en

(30) 20012217 15 Nov/nov 2001 FI (15.11.2001)

(30) 20020064 14 Jan/jan 2002 FI (14.01.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND DEVICE ARRANGEMENT TO IMPROVE QUALITY OF SOUND IN AN AUDIO SYSTEM

• PROCEDE ET AGENCEMENT PERMETTANT D'AMELIORER LA QUALITE DU SON DANS UN SYSTEME AUDIO

(71, 72) **SAASTAMOINEN, Pekka** [FI/FI]; Isä-Pekantie 9, FIN-93600 Kuusamo (FI). **TYYNISMAA, Markku** [FI/FI]; Hakakatu 9 B 18, FIN-90140 Oulu (FI).

(74) **OULUN PATENTTITOIMISTO BERGGREN OY AB**; Lentokatu 2, FIN-90460 Oulunsalo (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G10K 15/02, 15/04, G06F 17/30

(11) WO 03/042972 (13) A1

(21) PCT/JP02/11828

(22) 13 Nov/nov 2002 (13.11.2002)

(25) ja (26) ja

(30) 2001-351456 16 Nov/nov 2001 JP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INFORMATION PROVIDING SYSTEM, CENTER APPARATUS, AND TERMINAL
• SYSTEME DE FOURNITURE D'INFORMATION, APPAREIL DE CENTRE, ET TERMINAL

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
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(72, 75) KIMURA, Dai [JP/JP]; 2-8-42-506, Tarumachi, Kohoku-ku, Yokohama-shi, Kanagawa 222-0001 (JP).

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G10L 5/04, H03M 7/30

(11) WO 03/042973 (13) A1

(21) PCT/FI02/00875

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 20012193 12 Nov/nov 2001 FI (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR COMPRESSING DICTIONARY DATA
• TECHNIQUE DE COMPRESSION DE DONNEES DE DICTIONNAIRE

(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) TIAN, Jilei [CN/FI]; Insinöörinkatu 60 D 263, FIN-33720 Tampere (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O.Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model

/ modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G10L 11/04

(11) WO 03/042974 (13) A1

(21) PCT/US02/35949

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 10/011,660 12 Nov/nov 2001 US (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND SYSTEM FOR CHINESE SPEECH PITCH EXTRACTION
• PROCEDE ET SYSTEME SERVANT A EXTRAIRE LE TON VOCAL DE LA LANGUE CHINOISE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) HE, Liang; A-18, JiuShi Western Suburban Garden, 168 Laohuqingping Road, Shanghai (CN). XU, Bo; Room 3-405 No. 5 Building, The First Northern Street, Zhong Guan Cun Area, Haidian District, Beijing 100080 (CN). KE, Wen; Suit 9H, Building 2, Epoch Center, 4 Beiwa Road, Haidian District, Beijing 100080 (CN).

(74) MALLIE, Michael, J. et al. / etc.; Blakely Sokoloff Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G10L 15/22

(11) WO 03/042975 (13) A1

(21) PCT/IB02/04588

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en

(26) en

(30) 01000639.3 16 Nov/nov 2001 EP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DEVICE TO EDIT A TEXT IN PREDEFINED WINDOWS

• DISPOSITIF D'EDITION D'UN TEXTE DANS DES FENETRES PREDEFINIES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) HOI, Dieter; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) RÖGGLA, Harald; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) G10L 19/00, 21/02

(11) WO 03/042976 (13) A1

(21) PCT/IB02/04539

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 01204390.7 16 Nov/nov 2001 EP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND SYSTEM FOR PROCESSING AUDIO SIGNALS

• PROCEDE ET SYSTEME DE TRAITEMENT DE SIGNAUX AUDIO

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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(72, 75) LARSEN, Erik [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SMEETS, Jo [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WILLEMS, Stefan, M., J. [BE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENAAAL, Antonius, W., M.; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G10L 19/00
(11) WO 03/042977 (13) A1
(21) PCT/JP02/11783
(22) 12 Nov/nov 2002 (12.11.2002)
(25) ja (26) ja
(30) 2001-346987 13 Nov/nov 2001 JP (13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • CODE CONVERSION METHOD, APPARATUS, PROGRAM, AND STORAGE MEDIUM
• PROCEDE, APPAREIL, PROGRAMME DE CONVERSION ET SUPPORT DE STOCKAGE DE CODE
(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) MURASHIMA, Atsushi [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- (51)⁷ G10L 19/02, G11B 20/00
(11) WO 03/042978 (13) A1
(21) PCT/IB02/04456
(22) 24 Oct/oct 2002 (24.10.2002)
(25) en (26) en
(30) 01204387.3 16 Nov/nov 2001 EP (16.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • EMBEDDING SUPPLEMENTARY DATA IN AN INFORMATION SIGNAL
• INTEGRATION DE DONNEES SUPPLEMENTAIRES DANS UN SIGNAL D'INFORMATION
(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) VAN DER VEEN, Minne [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BRUEKERS, Alphons, A., M., L. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G10L 19/02
(11) WO 03/042979 (13) A2
(21) PCT/JP02/11605
(22) 7 Nov/nov 2002 (07.11.2002)
(25) en (26) en
(30) 2001-348412 14 Nov/nov 2001 JP (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • ENCODING DEVICE AND DECODING DEVICE
• DISPOSITIF DE CODAGE ET DISPOSITIF DE DECODAGE
(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(72) TSUSHIMA, Mineo; 5-32, Myoukenzaka 5-chome, Katano-shi, Osaka 576-0021 (JP). NORIMATSU, Takeshi; 12-27, Nishiyama 2-chome, Kita-ku, Kobe-shi, Hyogo 651-1301 (JP). NISHIO, Kosuke; Syounanryou 339, 16-22, Kikusuidoori 1-chome, Moriguchi-shi, Osaka 570-0032 (JP). TANAKA, Naoya; 30-23, Miyukihigashi-machi, Neyagawa-shi, Osaka 572-0055 (JP).
(74) NII, Hiromori; c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suehiro Center Bldg., 11-26, Nishinakajima 3-chome Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
(81) BR CA CN ID IN KR.
(84) EP (DE FR GB IT NL).
- (51)⁷ G10L 19/14
(11) WO 03/042980 (13) A1
(21) PCT/EP02/12251
(22) 2 Nov/nov 2002 (02.11.2002)
(25) en (26) en
(30) 01250406.4 17 Nov/nov 2001 EP (17.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • DETERMINATION OF THE PRESENCE OF ADDITIONAL CODED DATA IN A DATA FRAME
• DETECTION DE LA PRESENCE DE DONNEES CODEES ADDITIONNELLES DANS UNE TRAME DE DONNEES
(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) SCHRÖDER, Ernst, F. [DE/DE]; Pinkenburger Str. 25 D, 30655 Hannover (DE).
(74) HARTNACK, Wolfgang; 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 CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G10L 19/14, 21/02
(11) WO 03/042981 (13) A1
(21) PCT/JP02/11226
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 2001-348411 14 Nov/nov 2001 JP (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • AUDIO CODING AND DECODING
• CODAGE ET DECODAGE AUDIO
(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(72) MIYASAKA, Shuji; 19-4, Narita-cho, Neyagawa-shi, Osaka 572-0004 (JP). ISHIKAWA, Tomokazu; 6-14, Sanwa-cho 4-chome, Toyonaka-shi, Osaka 561-0828 (JP). SAWADA, Yoshiaki; Sanhaisuchihara II 201, 7-26, Shimohozumi 4-chome, Ibaraki-shi, Osaka 567-0041 (JP).
(74) NII, Hiromori; c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suehiro Center Bldg., 11-26, Nishinakajima 3-chome Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
(81) AU BR CA CN ID IN KR MX PH SG.
(84) EP (DE ES FI FR GB IT NL SE).
Published / Publiée : (b)
- (51)⁷ G10L 21/02
(11) WO 03/042982 (13) A1
(21) PCT/US02/35919
(22) 8 Nov/nov 2002 (08.11.2002)
(25) en (26) en
(30) 10/008,826 13 Nov/nov 2001 US (13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • COMFORT NOISE INCLUDING RECORDED NOISE
• BRUIT DE CONFORT AVEC BRUIT ENREGISTRE
(71) ACOUSTIC TECHNOLOGIES INC. [US/US]; 1620 South Stapley Drive, Suite 201, Mesa, AZ 85204 (US).
(72) DOMER, Steven, M.; 6446 East Trailridge Circle, Lot #83, Mesa, AZ 85215 (US).
(74) WILLE, Paul, F.; 6407 East Clinton Street, Scottsdale, AZ 85254 (US).

(81) BR CA CN IN JP KR MX.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G11B 5/48

(11) WO 03/042983 (13) A1

(21) PCT/US02/11674

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 60/332,921 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • RESONANT FREQUENCY SEPARATION FOR AN ACTUATOR ASSEMBLY OF A DISC DRIVE

• SEPARATION DES FREQUENCES DE RESONANCE POUR L'ENSEMBLE MOTEUR LINEAIRE D'UN DISQUE MEMOIRE

(71) SEAGATE TECHNOLOGY LLC [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).

(72) POTTEBAUM, Kenneth, L.; 1133 Camelot Drive, Yukon, OK 73099 (US). KOVINSKAYA, Svetlana, I.; 2019 Windsong, Edmond, OK 73034 (US). STRICKLIN, John, D.; 11109 Lakeridge Run, Oklahoma City, OK 73170 (US).

(74) DEMPSTER, Shawn, B.; Seagate Technology LLC, Intellectual Property - SHK2LG, 1280 Disc Drive, Shakopee, MN 55379-1863 (US).

(81) CN DE GB JP KR SG.

(51)⁷ G11B 5/738, 5/673, 5/667, 5/65, 5/84

(11) WO 03/042984 (13) A1

(21) PCT/JP02/11876

(22) 14 Nov/nov 2002 (14.11.2002)

(25) ja (26) ja

(30) 2001-352040 16 Nov/nov 2001 JP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MAGNETIC RECORDING MEDIUM, ITS MANUFACTURING METHOD, AND MAGNETIC STORAGE

• SUPPORT D'ENREGISTREMENT MAGNETIQUE, PROCEDE DE PRODUCTION DE CE DERNIER ET MEMOIRE MAGNETIQUE

(71) HITACHI MAXELL, LTD. [JP/JP]; 1-88, Ushitora 1-chome, Ibaraki-shi, Osaka 567-8567 (JP).

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(72, 75) ONUMA, Tsuyoshi [JP/JP]; 2-1, Matsumaedai 4-chome, Moriya-shi, Ibaraki 302-0102 (JP). YANO, Akira [JP/JP]; Mezonmori 8-202, 6-10, Yakushidai 2-chome, Moriya-shi, Ibaraki 302-0105 (JP). MATSUNUMA, Satoshi [JP/JP]; 1716-79, Koshigoe, Kamakura-shi, Kanagawa 248-0033 (JP). TAKAYAMA, Takanobu [JP/JP]; 16-16, Togashira 2-chome, Toride-shi, Ibaraki 302-0034 (JP).

(74) KAWAKITA, Kijuro; Shinjuku MM Building, 1-15, Shinjuku 5-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 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G11B 7/00

(11) WO 03/042985 (13) A2

(21) PCT/IB02/04408

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 01204391.5 16 Nov/nov 2001 EP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD OF MANUFACTURING A STAMPER, MASTER PLATE, SUPPORT STRUCTURE AND USE OF SUCH A STAMPER

• PROCEDE DE FABRICATION D'UNE MATRICE DE PRESSAGE, PLAQUE MAITRESSE, STRUCTURE DE SUPPORT ET UTILISATION DE CETTE MATRICE DE PRESSAGE

(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) VROMANS, Petrus, H., 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/0045, 7/125

(11) WO 03/042986 (13) A2

(21) PCT/IB02/04339

(22) 18 Oct/oct 2002 (18.10.2002)

(25) en (26) en

(30) 01204361.8 15 Nov/nov 2001 EP (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • OPTICAL RECORD CARRIER RECORDING METHOD AND RECORDING APPARATUS

• PROCEDE D'ENREGISTREMENT SUR SUPPORT D'ENREGISTREMENT OPTIQUE ET APPAREIL D'ENREGISTREMENT

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) SPRUIT, Johannes, H., M. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN VLERKEN, Johannes, J., L., 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/005, 7/0045, 7/007, 7/24, 7/26

(11) WO 03/042987 (13) A1

(21) PCT/JP02/10903

(22) 21 Oct/oct 2002 (21.10.2002)

(25) ja (26) ja

(30) 2001-326331 24 Oct/oct 2001 JP (24.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • OPTICAL RECORDING MEDIUM AND OPTICAL RECORDING MEDIUM EVALUATION METHOD

• SUPPORT D'ENREGISTREMENT OPTIQUE ET PROCEDE D'EVALUATION D'UN SUPPORT D'ENREGISTREMENT OPTIQUE

(71) TDK CORPORATION [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

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(72, 75) YAMAGA, Kenji [JP/JP]; c/o TDK CORPORATION, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). HIRATA, Hideki [JP/JP]; c/o TDK CORPORATION, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(74) MAKINO, Takehiro et al. / etc.; Minami-Shinjuku Bldg., 10-12, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU

SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G11B 7/007, H04L 9/00, H04N 7/10, 7/16,
7/167, 17/00

(11) WO 03/042988 (13) A1

(21) PCT/US02/36970

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 60/335,112 15 Nov/nov 2001 US
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM AND METHOD FOR CON-
TROLLING THE USE AND DUPLICA-
TION OF DIGITAL CONTENT DIS-
TRIBUTED ON REMOVABLE MEDIA

• SYSTEME ET PROCEDE PERMET-
TANT DE CONTROLER L'UTILISA-
TION ET LA COPIE D'UN CONTENU
NUMERIQUE DIFFUSE SUR UN SUP-
PORT D'INFORMATION AMOVIBLE

(71) SONY CORPORATION [JP/JP]; ** (JP).
SONY MUSIC, INC. [US/US]; ** (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HUGHES, David [US/US]; New York,
NY (US).

(74) FLOCK, John, et al. / etc.; Kenyon &
Kenyon, One Broadway, New York, NY
10004-1050 (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 SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G11B 7/24, C09B 67/22, 69/04

(11) WO 03/042989 (13) A1

(21) PCT/EP02/12307

(22) 5 Nov/nov 2002 (05.11.2002)

(25) en (26) en

(30) 018 11 092.4 13 Nov/nov 2001 EP
(13.11.2001)

(30) 018 11 226.8 13 Dec/déc 2001 EP
(13.12.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • COMPOSITIONS COMPRISING AT
LEAST ONE OXONOL DYE AND AT
LEAST ONE METAL COMPLEX

• COMPOSITIONS COMPRENANT AU
MOINS UN COLORANT A BASE
D'OXONOL ET AU MOINS UN COM-
PLEXE METALLIQUE

(71) CIBA SPECIALTY CHEMICALS
HOLDING INC. [CH/CH]; Klybeckstrasse
141, CH-4057 Basle (CH).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SCHMIDHALTER, Beat [CH/CH];
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nau (FR). FEILER, Leonhard [DE/DE];
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Neuenburg (DE). LEHMANN, Urs
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Basel (CH). DE KEYZER, Gerardus
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Riehen (CH). YOUSAF, Taher [GB/CH];
Efringerstrasse 96, CH-4057 Basel (CH).

(74) CIBA SPECIALTY CHEMICALS
HOLDING INC.; Klybeckstrasse 141,
CH-4057 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/24, C07D 487/22

(11) WO 03/042990 (13) A1

(21) PCT/EP02/12425

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 2001 2102/01 15 Nov/nov 2001 CH
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • WRITABLE HIGH-CAPACITY OPTI-
CAL STORAGE MEDIA CONTAINING
METAL COMPLEXES

• SUPPORT DE STOCKAGE OPTIQUE
INSCRIPTIBLE HAUTE CAPACITE
CONTENANT DES COMPLEXES ME-
TALLIQUES

(71) CIBA SPECIALTY CHEMICALS
HOLDINGS INC. [CH/CH]; Klybeck-
strasse 141, CH-4057 Basel (CH).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MORTON, Colin [GB/CH]; Wei-
herhofstrasse 26, CH-4054 Basel (CH).

YOUSAF, Taher [GB/CH]; Efringerstrasse
96, CH-4057 Basel (CH). BUDRY, Jean-Luc
[CH/CH]; Rue des Oeuches 52, CH-2842

Rossemaison (CH). SCHMIDHALTER,
Beat [CH/CH]; Dahlienstrasse 25, CH-4416
Bubendorf (CH). SPAHNI, Heinz [CH/CH];
Eggstrasse 23, CH-4402 Frenkendorf (CH).

(74) CIBA SPECIALTY CHEMICALS
HOLDINGS 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 SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/24

(11) WO 03/042991 (13) A1

(21) PCT/FR02/03837

(22) 8 Nov/nov 2002 (08.11.2002)

(25) fr (26) fr

(30) 01/14596 12 Nov/nov 2001 FR
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • USE OF OXIDABLE SPINELS FOR OP-
TICAL RECORDING

• UTILISATION D'OXYDES SPINELLES
OXYDABLES POUR ENREGISTRE-
MENT OPTIQUE

(71) UNIVERSITE PAUL SABATIER
(TOULOUSE III) [FR/FR]; 118, route
de Narbonne, F-31062 Toulouse Cedex
4 (FR). CENTRE NATIONAL DE LA
RECHERCHE SCIENTIFIQUE [FR/FR];
3, rue Michel Ange, F-75794 Paris Cedex 16
(FR).

(only for / seulement pour AT BE BG CH CY
CZ DE DK EE ES FI FR GB GR IE IT JP LU
MC NL PT SE SK TR)

(72, 75) TAILHADES, Philippe [FR/FR]; 16,
avenue de Gameville, F-31650 Saint-Orens
(FR). BONNINGUE, Corinne [FR/FR]; 9,
rue Lesage, F-31400 Toulouse (FR). PAS-
QUET, Isabelle [FR/FR]; 6, impasse des
Muscaris, F-31500 Toulouse (FR). PRES-
MANES, Lionel [FR/FR]; 19, rue Jean
Ingres, F-31320 Castanet (FR).

(74) NONY & ASSOCIES; 3, rue de Penthivère,
F-75008 PARIS (FR).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)⁷ G11B 7/24, 7/0045

(11) WO 03/042992 (13) A1

(21) PCT/JP02/10702

(22) 15 Oct/oct 2002 (15.10.2002)

(25) ja (26) ja

(30) 2001-325116 23 Oct/oct 2001 JP
(23.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MULTI-LEVEL OPTICAL RECORD-
ING MEDIUM AND MULTI-LEVEL
RECORDING METHOD

• SUPPORT D'ENREGISTREMENT OP-
TIQUE MULTINIVEAU ET PROCEDE
D'ENREGISTREMENT MULTINI-
VEAU

(71) **TDK CORPORATION** [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIURA, Hideaki** [JP/JP]; (C/O)TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). **YOSHINARI, Jiro** [JP/JP]; (C/O)TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). **NAKAYAMA, Yoichi** [JP/JP]; (C/O)TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(74) **SAKAI, Shinji**; 3873-1, Higashiterao, Matsushiro-machi, Nagano-shi, Nagano 381-1225 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G11B 7/24

(11) WO 03/042993 (13) A1

(21) PCT/JP02/11751

(22) 11 Nov/nov 2002 (11.11.2002)

(25) ja (26) ja

(30) 2001-347064 13 Nov/nov 2001 JP (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MULTI-LAYERED OPTICAL RECORDING MEDIUM

• SUPPORT D'ENREGISTREMENT OPTIQUE MULTICOUCHE

(71) **TDK CORPORATION** [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIZUSHIMA, Tetsuro** [JP/JP]; (C/O)TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). **KOMAKI, Tsuyoshi** [JP/JP]; (C/O)TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). **YOSHINARI, Jiro** [JP/JP]; (C/O)TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(74) **SAKAI, Shinji**; 3873-1, Higashiterao, Matsushiro-machi, Nagano-shi, Nagano 381-1225 (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/24

(11) WO 03/042994 (13) A1

(21) PCT/US01/27788

(22) 31 Oct/oct 2001 (31.10.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • IMPROVED FIGURE OF MERIT IN OPTICAL RECORDING STRUCTURES

• FACTEUR DE QUALITE AMELIORE DANS DES STRUCTURES D'ENREGISTREMENT OPTIQUES

(71) **OPTICAL DISC CORPORATION** [US/US]; 12150 Mora Drive, Santa Fe Springs, CA 90670 (US).

(72) **WILKINSON, Richard, L.**; 9615 La Auba Drive, Whittier, CA 90603 (US). **RILUM, John, H.**; 12485 Seaton Way, Tustin, CA 92680 (US). **EBERLY, Carlye, J.**; 6592 Glen Drive, Huntington Beach, CA 92647 (US). **HOLMES, John, R.**; 12762 Valencia Way, Garden Grove, CA 92841 (US).

(74) **FALLOW, Charles, W.**; Shoemaker and Mattare, Ltd., Suite 1203, 2001 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G11B 7/26

(11) WO 03/042995 (13) A1

(21) PCT/JP02/11810

(22) 12 Nov/nov 2002 (12.11.2002)

(25) ja (26) ja

(30) 2001/346475 12 Nov/nov 2001 JP (12.11.2001)

(30) 2001/359714 26 Nov/nov 2001 JP (26.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METAL MOLD DEVICE FOR MANUFACTURING DISK-LIKE SUBSTRATE MATERIAL, METHOD OF MANUFACTURING DISK-LIKE SUBSTRATE MATERIAL, DISK-LIKE SUBSTRATE MATERIAL FOR OPTICAL DISK, AND OPTICAL DISK

• DISPOSITIF DE MOULAGE METALLIQUE UTILISE DANS LA FABRICATION D'UN MATERIAU DE SUBSTRAT EN FORME DE DISQUE, PROCEDE DE FABRICATION D'UN MATERIAU DE SUBSTRAT EN FORME DE DISQUE POUR DISQUE OPTIQUE ET DISQUE OPTIQUE

(71) **TDK CORPORATION** [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAGA, Kenji** [JP/JP]; c/o TDK CORPORATION, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). **SAKAI, Yoshimi** [JP/JP]; c/o TDK CORPORATION, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). **USAMI, Mamoru** [JP/JP]; c/o TDK CORPORATION, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(74) **MATSUYAMA, Keisuke et al.** / etc.; Minami-Shinjuku Bldg., 10-12, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 17/02, H01F 7/06

(11) WO 03/042996 (13) A1

(21) PCT/CN01/01550

(22) 13 Nov/nov 2001 (13.11.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • UNIVERSAL FIXTURE FOR HSA ASSEMBLY AND ITS TESTING PROCESS

• MONTAGE UNIVERSEL POUR ENSEMBLE BLOC DE TETES ET PROCEDE D'ESSAI ASSOCIE

(71) **SAE MAGNETICS (H.K.) LTD.** [CN/CN]; SAE Tower, 38-42 Kwai Fung Crescent, Kwai Chung N.T., Hong Kong (CN).

(72) **KAMIGAMA, Takehiro**; c/o, SAE Tower, 38-42 Kwai Fung Crescent, Kwai Chung N.T., Hong Kong (CN). **WANG, Huegung**; c/o, SAE Tower, 38-42 Kwai Fung Crescent, Kwai Chung N.T., Hong Kong (CN). **HO, Yiusing**; c/o, SAE Tower, 38-42 Kwai Fung Crescent, Kwai Chung N.T., Hong Kong (CN). **LEUNG, Chunkau**; c/o, SAE Tower, 38-42 Kwai Fung Crescent, Kwai Chung N.T., Hong Kong (CN). **CHEUNG, Waikong**; c/o, SAE Tower, 38-42 Kwai Fung Crescent, Kwai Chung N.T., Hong Kong (CN). **MISAWA, Shinji**; c/o, SAE Tower, 38-42 Kwai Fung Crescent, Kwai Chung N.T., Hong Kong (CN). **SUN, Jinsuo**; Winnerway Industrial Area, Huangcun Dongguan City, Guangdong Province 510000 (CN). **CHANG, Wenxin**; Winnerway Industrial Area, Huangcun Dongguan City, Guangdong Province 510000 (CN).

(74) **CHINA PATENT AGENT (H.K.) LTD.**; 22/F, Great Eagle Centre, 23 Harbour Road, Wanchai, Hong Kong (CN).

(81) CN.

(51)⁷ G11B 17/04

(11) WO 03/042997 (13) A1

(21) PCT/JP02/11970

- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) ja (26) ja
- (30) 2001-350007 15 Nov/nov 2001 JP
(15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DISK LOADING MECHANISM, AND DISK RECORDING AND/OR REPRODUCING DEVICE
• MECANISME DE CHARGEMENT DE DISQUE, ET DISPOSITIF D'ENREGISTREMENT ET/OU DE REPRODUCTION POUR 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) INATANI, Akihisa [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KUROIWA, Toshiyuki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SUZUKI, Takeshi [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 ID KR US.

Published / Publiée : (c)

- (51)⁷ G11B 17/26
- (11) WO 03/042998 (13) A1
- (21) PCT/JP02/11852
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) ja (26) ja
- (30) 2001-347398 13 Nov/nov 2001 JP
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • APPARATUS FOR TRANSPORTING DISCOID RECORD MEDIUM AND APPARATUS FOR RECORDING AND/OR REPRODUCTION
• APPAREIL DE TRANSPORT DE SUPPORT D'ENREGISTREMENT DE TYPE DISQUE ET APPAREIL D'ENREGISTREMENT ET/OU DE REPRODUCTION
- (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.; 11th Floor, Yamato Seimei Bldg., 1-7, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(81) CN JP KR US.

Published / Publiée : (c)

- (51)⁷ G11B 19/20, 5/55, H02P 6/14
- (11) WO 03/042999 (13) A1
- (21) PCT/DE02/02365
- (22) 29 Jun/juin 2002 (29.06.2002)
- (25) de (26) de
- (30) 101 55 405.2 10 Nov/nov 2001 DE
(10.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ELECTRONICALLY COMMUTATED MOTOR
• MOTEUR À COMMUTATION ÉLECTRONIQUE
- (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) DOLL, Theo [DE/DE]; Riegelweg 11, 77815 Buehl (DE). KRAUTH, Wolfgang [DE/DE]; Roemerstrasse 22, 77855 Achern-Sasbachried (DE). BERLING, Claude [FR/FR]; 22, rue du Général de Gaulle, F-67410 Drusenheim (FR).

(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).

(51)⁷ G11B 20/00, H04L 9/00

- (11) WO 03/043000 (13) A1
- (21) PCT/FR01/03130
- (22) 10 Oct/oct 2001 (10.10.2001)
- (25) fr (26) fr
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD OF MARKING, IDENTIFYING AND SECURING COMPUTER FILES, DOCUMENTS, SOUNDS AND CHEMICAL COMPOUNDS
• PROCÉDE POUR MARQUER, IDENTIFIER ET SECURISER LES FICHIERS INFORMATIQUES, LES DOCUMENTS, LES SONS ET LES COMPOSES CHIMIQUES

- (71, 72) RIVAILLIER, Jacques [FR/FR]; 26, rue Mars, F-78114 Magny-Les-Hameaux (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).

(51)⁷ G11B 20/00

- (11) WO 03/043001 (13) A2
- (21) PCT/GB02/05102
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) en (26) en
- (30) 0127162.6 12 Nov/nov 2001 GB
(12.11.2001)

- (43) 22 May/mai 2003 (22.05.2003)
- (54) • LOW COST DISTRIBUTION SYSTEM FOR MUSIC AND OTHER DIGITAL DATA

- SYSTEME DE DISTRIBUTION DE MUSIQUE ET D'AUTRES DONNEES NUMERIQUES A FAIBLE COUT

- (71, 72) MARTIN, Sean, Christopher [GB/GB]; 20 Clare Street, Cambridge, Cambridgeshire CB4 3BY (GB). HUGHES, Vivienne, Jane [GB/GB]; Barrow House, The Green, Barrow, Bury St Edmunds, Suffolk IP29 5DT (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 20/00

- (11) WO 03/043002 (13) A2
- (21) PCT/IB02/04407
- (22) 22 Oct/oct 2002 (22.10.2002)
- (25) en (26) en
- (30) 01204388.1 16 Nov/nov 2001 EP
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • DIGITAL RIGHTS MANAGEMENT
• GESTION DE DROITS NUMERIQUE

- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) FONTIJN, Wilhelmus, F., J. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

- (74) GROENENDAAL, Antonius, W., M.; Internationaal Octroobureau 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 20/00

- (11) WO 03/043003 (13) A2
- (21) PCT/IB02/04541

- (22) **28 Oct/oct 2002 (28.10.2002)**
- (25) en (26) en
- (30) 01204386.5 **16 Nov/nov 2001 EP (16.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • EMBEDDING SUPPLEMENTARY DATA IN AN INFORMATION SIGNAL
- INCLUSION DE DONNEES SUPPLEMENTAIRES DANS UN SIGNAL D'INFORMATION
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VAN DER VEEN, Minne** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HAITSMA, Jaap, A.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KALKER, Antonius, A., C., M.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BRUEKERS, Alphons, A., M., L.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G11B 20/00, G06F 12/14**
- (11) **WO 03/043004** (13) A1
- (21) PCT/RU02/00343
- (22) **19 Jul/juil 2002 (19.07.2002)**
- (25) ru (26) ru
- (30) 2001130955 **16 Nov/nov 2001 RU (16.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR RECORDING DATA ON A DATA STORAGE MEDIUM ENABLING DATA IDENTIFICATION
- PROCEDE D'ENREGISTREMENT DE DONNEES SUR UN SUPPORT D'INFORMATIONS PERMETTANT L'IDENTIFICATION DES DONNEES
- (71) **ZAKRYTOYE AKTSIONERNOYE OBSHESTVO "ARGUS PROSISTEM"** [RU/RU]; ul. Eropkinsky per., 8, Moscow, 119034 (RU).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOTIKOV, Sergey Petrovich** [RU/RU]; ul. Kronshtadtskaya, 2-144, Penza, 440630 (RU). **IVLEV, Igor, Fedorovich** [RU/RU]; Vostochny m-n, 5-23, p. Tuchkovo, Ruzsky r-n, Moscovskaya obl., 143130 (RU).
- (74) **GRUNINA, Alla Efimovna**; G-165, a/ya 15, Moscow, 121165 (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 RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G11B 23/107, 23/04**
- (11) **WO 03/043005** (13) A1
- (21) PCT/US01/43678
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) en (26) en
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CODED SINGLE REEL MAGNETIC TAPE CARTRIDGE
- CASSETTE DE BANDE MAGNETIQUE CODEE A UNE SEULE BOBINE
- (71) **BENCHMARK STORAGE INNOVATIONS, INC.** [US/US]; 3122 Sterling Circle, Boulder, CO 80301 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VANDERHEYDEN, William, J.** [US/US]; 1828 Sedona Hills Drive, Loveland, CO 80537 (US). **HOGGE, David, Thomas** [US/US]; 8865 Jellison Court, Westminster, CO 80021 (US).
- (74) **GRAZIANO, James, M. et al. / etc.**; Patton Boggs LLP, P.O. Box 270930, Louisville, CO 80027 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
- (s) for all designations / pour toutes les désignations
-
- (51)⁷ **G11B 27/00, H04N 5/76, 7/14**
- (11) **WO 03/043006** (13) A1
- (21) PCT/IB02/04469
- (22) **24 Oct/oct 2002 (24.10.2002)**
- (25) en (26) en
- (30) 10/014,201 **13 Nov/nov 2001 US (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SYSTEM FOR SYNCHRONIZING THE PLAYBACK OF TWO OR MORE CONNECTED PLAYBACK DEVICES USING CLOSED CAPTIONING
- SYSTEME DESTINE A SYNCHRONISER LA LECTURE DE DEUX OU PLUSIEURS DISPOSITIFS DE LECTURE CONNECTES AU MOYEN DE SOUS-TITRAGE CODE POUR MAL-ENTENDANTS
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **VAN DER SCHAAR, Auke, S.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G11B 27/034, 27/22, 27/32, 27/10, 20/10**
- (11) **WO 03/043007** (13) A2
- (21) PCT/US02/36656
- (22) **13 Nov/nov 2002 (13.11.2002)**
- (25) en (26) en
- (30) 09/991,088 **13 Nov/nov 2001 US (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A METHOD AND APPARATUS FOR EXTRACTING DIGITAL DATA FROM A MEDIUM
- PROCEDE ET DISPOSITIF POUR EXTRAIRE DES DONNEES NUMERIQUES D'UN SUPPORT
- (71) **DIGEO INC.** [US/US]; 8815 122nd Avenue N.E., Kirkland, WA 98033 (US).
- (72) **SNOW, Kevin**; 1620 Norte Dame Drive, Mountain View, CA 94040 (US). **CLIFFORD, David**; 3164 Williamsburg #1, San Jose, CA 95117 (US).
- (74) **MALLIE, Michael, J. et al. / etc.**; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 31/00, G06F 13/38, 3/06

(11) WO 03/043008 (13) A1

(21) PCT/CN02/00175

(22) 19 Mar/mar 2002 (19.03.2002)

(25) zh (26) zh

(30) 01270949.2 16 Nov/nov 2001 CN
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DIGITAL MUSIC PLAYER HAVING AN ENCRYPTION FUNCTION
• LECTEUR DE MUSIQUE NUMERIQUE DOTE D'UNE FONCTION DE CRYPTAGE(71) BEIJING BROADMAKING TECHNOLOGY DEVELOPMENT CO.,LTD. [CN/CN]; Room A-202, No.Jia 2 Ti Yuan Xi Road, Haidian District, 100084 Beijing (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHANG, Cuyu [CN/CN]; Room 1-1102, Building 14, Yi Mei Jia Yuan, No.15 An Ning Zhuang Xi Road, Haidian District, 100085 Beijing (CN). LI, Dongsheng [CN/CN]; No.34 1536, Western Road of North 3rd Ring, Haidian District, 100086 Beijing (CN).

(74) SHANGHAI ZHI XIN PATENT AGENT LTD.; 10/F, Italy Building, 446 Zhao Jia Bang Road, 200031 Shanghai (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 ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK ES FI FR GB GR IE 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 CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK 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 BG CH CY CZ DE DK ES FI FR GB GR IE 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 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 BG CH CY CZ DE DK ES FI FR GB GR IE 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 G11B 33/00, 33/04

(11) WO 03/043009 (13) A1

(21) PCT/GB02/05113

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 0127149.3 12 Nov/nov 2001 GB
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A RACK FOR LOCATING A CASE FOR AN AUDIO, AUDIO-VISUAL OR DATA RECORD CARRIER ON A SUBSTANTIALLY VERTICAL SURFACE
• SUPPORT DE RECEPTION DE BOITIER POUR SUPPORT AUDIO, AUDIO-VISUEL OU D'ENREGISTREMENT DE DONNEES SUR UNE SURFACE SENSIBLEMENT VERTICALE

(71) AVM DISPLAY LIMITED [GB/GB]; 109 Baddow Road, Great Baddow, Chelmsford, Essex CM2 7PY (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GREGORY, Adam, David [GB/GB]; 109 Baddow Road, Great Baddow, Chelmsford, Essex CM2 7PY (GB). GREGORY, Helen, Diana [GB/GB]; 109 Baddow Road, Great Baddow, Chelmsford, Essex CM2 7PY (GB).

(74) WANT, Clifford, J. et al. / etc.; Wildman Harrold Allen & Dixon, Tower 3, 11th Floor, Clements Inn, London WC2A 2AZ (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G11B 33/08

(11) WO 03/043010 (13) A2

(21) PCT/JP02/10638

(22) 11 Oct/oct 2002 (11.10.2002)

(25) ja (26) ja

(30) 2001-320303 18 Oct/oct 2001 JP
(18.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • OPTICAL DISC APPARATUS
• DISQUE OPTIQUE

(71) YAMAHA CORPORATION [JP/JP]; 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka 430-8650 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) URATA, Kazuo [JP/JP]; c/o YAMAHA CORPORATION, 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka 430-8650 (JP). HAYASHI, Yasushi [JP/JP]; c/o YAMAHA CORPORATION, 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka 430-8650 (JP).

(74) TAKAHASHI, Keishiro; TAKAHASHI & KITAYAMA, 4th Fl., Tohsei Bldg., 3-12-1, Taito, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 33/14

(11) WO 03/043011 (13) A1

(21) PCT/US02/03840

(22) 7 Feb/fév 2002 (07.02.2002)

(25) en (26) en

(30) 60/338,802 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DISC DRIVE GAS FILLING SYSTEM
• SYSTEME DE REMPLISSAGE DE GAZ D'UN LECTEUR DE DISQUE

(71) SEAGATE TECHNOLOGY LLC [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).

(72) BERNETT, Frank, William; 7772 Crestview Lane, Longmont, CO 80501 (US).

(74) CESARI, Kirk, A.; Seagate Technology LLC, Intellectual Property - SHK2LG, 1280 Disc Drive, Shakopee, MN 55379-1863 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(51)⁷ G11B 33/14

(11) WO 03/043012 (13) A1

(21) PCT/US02/03841

(22) 7 Feb/fév 2002 (07.02.2002)

(25) en (26) en

(30) 60/339,365 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DISC DRIVE GAS SUPPLY SYSTEM
• SYSTEME D'ALIMENTATION EN GAZ D'UN LECTEUR DE DISQUE

(71) SEAGATE TECHNOLOGY LLC [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).

(72) BERNETT, Frank, William; 7772 Crestview Lane, Longmont, CO 80501 (US). ANDERSON, Kurt, Michael; 836 Mount Evans Ct., Louisville, CO 80027

- (US). **WONG, Walter**; 2919 S. Lakeridge Trail, Boulder, CO 80302 (US).
- (74) **CESARI, Kirk, A.**; Seagate Technology LLC, Intellectual Property - SHK2LG, 1280 Disc Drive, Shakopee, MN 55379-1863 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
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- (51)⁷ **G11C 5/02, 11/22, H01L 29/41**
 (11) **WO 03/043013** (13) A1
 (21) PCT/NO02/00398
 (22) **1 Nov/nov 2002 (01.11.2002)**
 (25) en (26) en
 (30) 20015622 **16 Nov/nov 2001 NO (16.11.2001)**
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • **A MATRIX-ADDRESSABLE OPTOELECTRONIC APPARATUS AND ELECTRODE MEANS IN THE SAME**
 • **APPAREIL OPTOELECTRONIQUE A ADRESSAGE MATRICIEL ET ELEMENT ELECTRODE INTEGRE**
- (71) **THIN FILM ELECTRONICS ASA** [NO/NO]; P.O. Box 1872 Vika, N-0124 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GUDESEN, Hans, Gude** [NO/BE]; 17 rue Fulton, B-1000 Brussels (BE). **LEISTAD, Geirr, I.** [NO/NO]; Jongsstubbyen 19, N-1337 Sandvika (NO). **NORDAL, Per-Erik** [NO/NO]; Båstadryggen 19, N-1387 Asker (NO).
- (74) **LEISTAD, Geirr, I.**; Thin Film Electronics ASA, P.O. Box 1872 Vika, N-0124 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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G11C 5/14, H03K 19/0185**
 (11) **WO 03/043014** (13) A1
 (21) PCT/US02/35838
 (22) **6 Nov/nov 2002 (06.11.2002)**
 (25) en (26) en
 (30) 10/014,161 **9 Nov/nov 2001 US (09.11.2001)**
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • **VOLTAGE BOOSTER FOR NON-VOLATILE MEMORIES**
 • **AMPLIFICATEUR DE TENSION POUR MEMOIRES NON VOLATILES**
- (71) **SANDISK CORPORATION** [US/US]; 140 Caspian Court, Sunnyvale, CA 94089 (US).
- (72) **PAN, Feng**; 1721 Castlegate Drive, San Jose, CA 95132 (US). **QUADER, Khandker, N.**; 956 E. El Camino Real, Sunnyvale, CA 94087 (US).
- (74) **CLEVELAND, Michael, G.** et al. / etc.; Skjerven Morrill LLP, Three Embarcadero Center, 28th 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **G11C 11/00**
 (11) **WO 03/043015** (13) A2
 (21) PCT/US02/34956
 (22) **30 Oct/oct 2002 (30.10.2002)**
 (25) en (26) en
 (30) 10/010,812 **13 Nov/nov 2001 US (13.11.2001)**
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • **MULTIPLE TURN FOR CONDUCTIVE LINE PROGRAMMING MRAM**
 • **SPIRES MULTIPLES POUR LIGNE CONDUCTRICE DESTINEE A LA PROGRAMMATION DE MRAM**
- (71) **MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **RIZZO, Nicholas, D.**; 1238 North Palm-springs Drive, Gilbert, AZ 85234 (US).
- (74) **KOCH, William, E.**; Corporate Law Department, Intellectual Property Section, 3102 North 56th Street MD: AZ11/56-238, P.O. Box 10219, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G11C 11/00**
 (11) **WO 03/043016** (13) A2
 (21) PCT/US02/35950
 (22) **8 Nov/nov 2002 (08.11.2002)**
 (25) en (26) en
- (30) 09/991,864 **13 Nov/nov 2001 US (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **A BIASING TECHNIQUE FOR A HIGH DENSITY SRAM**
 • **TECHNIQUE DE POLARISATION POUR MEMOIRE RAM STATIQUE HAUTE DENSITE**
- (71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) **ZHANG, Kevin**; 1807 NW Pentland Street, Portland, OR 97229 (US). **WEI, Liqiong**; 16810 NW Stoller Drive, Portland, OR 97229 (US).
- (74) **MALLIE, Michael, J.**; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G11C 11/15**
 (11) **WO 03/043017** (13) A2
 (21) PCT/FR02/03896
 (22) **14 Nov/nov 2002 (14.11.2002)**
 (25) fr (26) fr
 (30) 01/14840 **16 Nov/nov 2001 FR (16.11.2001)**
 (43) 22 May/mai 2003 (22.05.2003)
 (54) • **MAGNETIC DEVICE WITH MAGNETIC TUNNEL JUNCTION, MEMORY ARRAY AND READ/WRITE METHODS USING SAME**
 • **DISPOSITIF MAGNETIQUE A JONCTION TUNNEL MAGNETIQUE, MEMOIRE ET PROCES D'ECRITURE ET DE LECTURE UTILISANT CE DISPOSITIF**
- (71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31/33, rue de la Fédération, F-75752 Paris 15ème (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DIENY, Bernard** [FR/FR]; 180 allée des Erables, F-38250 Lans-en-Vercors (FR). **REDON, Olivier** [FR/FR]; 162, avenue Victor Hugo, Le Grand Pré, F-38170 Seyssinet (FR).
- (74) **LEHU, Jean**; c/o Brevetome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ **G11C 11/16, H01F 10/32, 41/30**
 (11) **WO 03/043018** (13) A1
 (21) PCT/US02/31946
 (22) **24 Sep/sep 2002 (24.09.2002)**

(25) en (26) en
 (30) 09/978,860 16 Oct/oct 2001 US
 (16.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MAGNETORESISTANCE RANDOM ACCESS MEMORY FOR IMPROVED SCALABILITY

• MEMOIRE VIVE MAGNETORESISTIVE PERMETTANT D'AMELIORER L'EVOLUTIVITE

(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) ENGEL, Bradley, N.; 5651 West Gail Drive, Chandler, AZ 85226 (US). SAVTCHENKO, Leonid (deceased / décédé). JANESKY, Jason, Allen; 600 South Dobson #196, Mesa, AZ 85202 (US). RIZZO, Nicholas, D.; 1238 North Palmsprings Drive, Gilbert, AZ 85234 (US).

(74) KOCH, William, E. et al. / etc.; Corporate Law Department, Intellectual Property Section, 3102 North 56th Street, MD: AZ11/56-238, Phoenix, AZ 85018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11C 11/16, 11/15

(11) WO 03/043019 (13) A1

(21) PCT/US02/34954

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/010,574 13 Nov/nov 2001 US
 (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CLADDING FIELD ENHANCEMENT OF AN MRAM DEVICE

• AMELIORATION DU CHAMP DE GAINAGE D'UN APPAREIL MRAM

(71) MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) RIZZO, Nicholas, D.; 1238 North Palmsprings Drive, Gilbert, AZ 85234 (US).

(74) KOCH, William, E. et al. / etc.; Corporate Law Department, 3102 North 56th Street, P.O. Box 10219, Phoenix, AZ 85018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11C 11/16

(11) WO 03/043020 (13) A1

(21) PCT/US02/34957

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/010,363 13 Nov/nov 2001 US
 (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CLADDING MRAM MULTIPLE MAGNETIC LAYER DEVICE

• GAINAGE DE DISPOSITIF A MEMOIRE VIVE MAGNETORESISTIVE A COUCHES MAGNETIQUES MULTIPLES

(71) MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) JANESKY, Jason, Allen; 600 South Dobson, #196, Mesa, AZ 85202 (US). RIZZO, Nicholas, D.; 1238 North Palmsprings Drive, Gilbert, AZ 85234 (US). ENGEL, Bradley, N.; 5651 West Gail Drive, Chandler, AZ 85226 (US).

(74) KOCH, William, E. et al. / etc.; Corporate Law Department, Intellectual Property Section, 3102 North 56th Street, MD: AZ11/56-238, Phoenix, AZ 85018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G11C 11/413

(11) WO 03/043021 (13) A1

(21) PCT/KR02/01201

(22) 25 Jun/juin 2002 (25.06.2002)

(25) en (26) en

(30) 2001-0071390 16 Nov/nov 2001 KR
 (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A MULTI-PORT STATIC RANDOM ACCESS MEMORY

• MEMOIRE A ACCES ALEATOIRE STATIQUE MULTIVOIE

(71) SYNCOAM CO., LTD. [KR/KR]; IT Venture Tower (East Tower 4F, #415), 78, Karak-Dong, Songpa-Ku, Seoul 138-160 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) JEONG, Seong-Ik [KR/KR]; 202, Choongwon Silver Ville, 262-6 Yangjae-Dong, Seocho-Ku, Seoul 137-130 (KR).

KIM, Kyung-Yul [KR/KR]; 637-1402 Sejong APT., 1145, Sanbon-Dong, Goonpo 435-040 (KR).

(74) SEO, Cheon-Seok; Seo International Law and Patent Office, 7th Fl., 1600-3 Daelim Bldg., Seocho-Dong, Seocho-Gu, 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY CZ DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11C 29/00

(11) WO 03/043022 (13) A2

(21) PCT/DE02/04046

(22) 30 Oct/oct 2002 (30.10.2002)

(25) de (26) de

(30) 101 55 531.8 12 Nov/nov 2001 DE
 (12.11.2001)

(30) 102 06 189.0 14 Feb/fév 2002 DE
 (14.02.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MEMORY UNIT TEST

• CONTROLE D'UNITES DE MEMOIRE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE). FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Leonrodstr. 54, 80636 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MERCHANT, Kamal [DE/DE]; Vogelherd 61d, 91058 Erlangen (DE). MAYER, Frank [DE/DE]; Danziger Str. 14, 91080 Erlangen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)⁷ G11C 29/00

(11) WO 03/043023 (13) A1

(21) PCT/DE02/04110

(22) 6 Nov/nov 2002 (06.11.2002)

(25) de (26) de

(30) 101 55 449.4 12 Nov/nov 2001 DE
 (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • METHOD FOR THE RECONFIGURATION OF A MEMORY
 • PROCEDE DE RECONFIGURATION D'UNE MEMOIRE

(71, 72) RIEGER, Martin [DE/DE]; Silberblattstrasse 15, 81377 München (DE).

(81) JP KR.

(84) EP (AT BE BG CH CY CZ DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ G11C 29/00

(11) WO 03/043024 (13) A1

(21) PCT/EP02/12765

(22) 14 Nov/nov 2002 (14.11.2002)

(25) de (26) de

(30) 01127016.2 14 Nov/nov 2001 EP (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • TEST METHOD FOR FERROELECTRIC MEMORIES

• METHODE D'ESSAI DESTINEE A DES MEMOIRES FERROELECTRIQUES

(71) AIXACCT SYSTEMS GMBH [DE/DE]; Dennewartstrasse 25-27, 52068 Aachen (DE).
 (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHMITZ, Thorsten [DE/DE]; Oberschnepfen 3, 51688 Wipperfürth (DE).
 TIEDKE, Stephan [DE/DE]; Hamicher Strasse 61, 52379 Langerwehe (DE).

(74) GILLE HRABAL STRUCK NEIDLEIN PROP ROOS; Brucknerstrasse 20, 40593 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G21C 1/06, G21D 1/02, G21C 1/00

(11) WO 03/043025 (13) A1

(21) PCT/IB02/04254

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) 2001/9491 16 Nov/nov 2001 ZA (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • NUCLEAR POWER PLANT WITH A GAS COOLED REACTOR

• CENTRALE NUCLEAIRE A REACTEUR REFROIDI AU GAZ

(71) PEBBLE BED MODULAR REACTOR (PROPRIETARY) LIMITED [ZA/ZA]; 3rd Floor, Lake Buena Vista Building, 1267 Gordon Hood Avenue, Centurion Centre, 0046 Centurion (ZA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VENTER, Pieter, Johannes, Lodewyk [ZA/ZA]; 38 Wenning Street, S.W. 5, 1911 Vanderbijlpark (ZA).

(74) MACKENZIE, Colin; Adams & Adams, Adams & Adams Place, 1140 Prospect Street, Hatfield, PO Box 1014, 0001 Pretoria (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G21F

(11) WO 03/043026 (13) A2

(21) PCT/BE02/00172

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 09/987,968 16 Nov/nov 2001 US (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • ARTICLE IRRADIATION SYSTEM SHIELDING

• BLINDAGE POUR SYSTEMES D'IRRADIATION D'ARTICLES

(71) ION BEAM APPLICATIONS S.A. [BE/BE]; Chemin Du Cyclotron, 2, B-1348 Louvain-La-Neuve (BE).

(72) NELSON, Glenn; 3021 Pioneer Hill Road, Placerville, CA 95667 (US).

(74) VAN MALDEREN, Joëlle et al. / etc.; Office Van Malderen, Place Reine Fabiola 6/1, B-1083 Brussels (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G21F 9/06

(11) WO 03/043027 (13) A1

(21) PCT/EP02/12772

(22) 14 Nov/nov 2002 (14.11.2002)

(25) de (26) de

(30) 101 56 119.9 15 Nov/nov 2001 DE (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • METHOD FOR RECOVERING ¹⁰BORON OR DECONTAMINATING BORON FROM EVAPORATOR BOTTOMS FROM PRESSURIZED WATER REACTORS

• PROCEDE DE RECUPERATION DE ¹⁰BORE OU DE DECONTAMINATION DU BORE CONTENU DANS DES CONCENTRES D'EVAPORATION DE REACTEURS A EAU PRESSURISEE

(71, 72) KRUMPHOLZ, Udo [DE/DE]; An der Alm 2, 89355 Grundremmingen (DE).
 LASCH, Manfred [DE/DE]; Auf der Kohlstatt 31, 89364 Rettenbach (DE).

(74) BARZ, Peter; Patentanwalt, Kaiserplatz 2, 80803 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01B 1/00

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(21) PCT/US02/29986

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 60/333,187 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • ELECTRICALLY CONDUCTIVE THERMOPLASTIC POLYMER COMPOSITION

• COMPOSITION POLYMERE THERMOPLASTIQUE A CONDUCTIVITE ELECTRIQUE

(71) DOW GLOBAL TECHNOLOGIES INC. [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).

(72) FOX, Richard, T.; 3779 Acacia Drive, Midland, MI 48642 (US).
 BABINEC, Susan, J.; 1110 West Park, Midland, MI 48640 (US).
 HOWARD, Kevin, E.; 1015 Whispering Oak Drive, Midland, MI 48642 (US).
 CHARTIER, Mark, A.; 5996 Butman Road, Gladwin, MI 48624 (US).

(74) CHRISTY, M., Robert; 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H01B 1/06, H01M 8/02, 8/10
(11) WO 03/043029 (13) A1
(21) PCT/JP02/11678
(22) 8 Nov/nov 2002 (08.11.2002)
(25) ja (26) ja
(30) 2001-350596 15 Nov/nov 2001 JP (15.11.2001)
(30) 2001-350597 15 Nov/nov 2001 JP (15.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • ELECTROLYTE FILM AND FUEL CELL
• FILM ELECTROLYTE ET PILE A COMBUSTIBLE
(71) CATALYSTS & CHEMICALS INDUSTRIES CO., LTD. [JP/JP]; 580, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0013 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SHIRONO, Katsuhiko [JP/JP]; c/o WAKAMATSU PLANT, CATALYSTS & CHEMICALS INDUSTRIES CO., LTD., 13-2, Kitaminatomachi, Wakamatsu-ku, Kitakyushu-shi, Fukuoka 808-0027 (JP). KOY-ANAGI, Tsuguo [JP/JP]; c/o WAKAMATSU PLANT, CATALYSTS & CHEMICALS INDUSTRIES CO., LTD., 13-2, Kitaminatomachi, Wakamatsu-ku, Kitakyushu-shi, Fukuoka 808-0027 (JP). KOMATSU, Michio [JP/JP]; c/o WAKAMATSU PLANT, CATALYSTS & CHEMICALS INDUSTRIES CO., LTD., 13-2, Kitaminatomachi, Wakamatsu-ku, Kitakyushu-shi, Fukuoka 808-0027 (JP).
(74) SUZUKI, Shunichiro; S. SUZUKI & ASSOCIATES, Gotanda Yamazaki Bldg. 6F, 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo 141-0031 (JP).
(81) CA CN KR US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- (51)⁷ H01B 7/00
(11) WO 03/043030 (13) A1
(21) PCT/EP02/12796
(22) 15 Nov/nov 2002 (15.11.2002)
(25) de (26) de
(30) 201 18 713.2 16 Nov/nov 2001 DE (16.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • FLEXIBLE ELECTRICAL LINE
• LIGNE ELECTRIQUE FLEXIBLE
(71) NEXANS [FR/FR]; 16, rue de Monceau, F-75008 Paris (FR). GEBAUER & GRILLER KABELWERKE GESMBH [AT/AT]; Muthgasse 34, A-1194 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) Hochleithner, Thomas [AT/AT]; Ringofenstrasse 3/10, 2333 Leopoldsdorf (AT). Noetzel, Thomas [DE/DE]; Vohenstrasser Strasse 4, 92685 Floss (DE).
- (74) DÖRING, Roger; Weidenkamp 2, 30855 Langenhagen (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 ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H01B 7/08, H04B 3/30, H02G 7/20, 7/22
(11) WO 03/043031 (13) A1
(21) PCT/US02/35874
(22) 8 Nov/nov 2002 (08.11.2002)
(25) en (26) en
(30) 10/040,753 9 Nov/nov 2001 US (09.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • CURRENT-CONDUCTING PART OF POWER TRANSMISSION LINE
• PARTIE CONDUCTRICE DE COURANT D'UNE LIGNE DE TRANSPORT DE COURANT
(71) VECTOR ENERGY CORPORATION [US/US]; 1601 Clint Moore Road, Boca Raton, FL 33487-2747 (US).
(72) MAKSIMOV, Aleksander; Via Italia, 353, I-19125 La Spezia (IT). NOVAK, Peter; Mozartstraat 20, B-2018 Antwerp (BE).
(74) GREGGY, Nelson, A.; Akerman Senterfitt, 222 Lakeview Avenue, #400, West Palm Beach, FL 33401 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ H01C 7/02
(11) WO 03/043032 (13) A1
(21) PCT/JP02/11889
(22) 14 Nov/nov 2002 (14.11.2002)
(25) ja (26) ja
(30) 2001-350737 15 Nov/nov 2001 JP (15.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • POLYMER PTC THERMISTOR AND TEMPERATURE SENSOR
• THERMISTANCE CTP POLYMER ET CAPTEUR THERMIQUE
(71) TYCO ELECTRONICS RAYCHEM K.K. [JP/JP]; 5-8, Hisamoto 3-chome, Takatsu-ku, Kawasaki-shi, Kanagawa 213-8535 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) KOYAMA, Hiroyuki [JP/JP]; c/o Tyco Electronics Raychem K.K., Tsukuba Plant, 2414, Ooaza Amada, Sakuragawa-mura, Inashiki-gun, Ibaraki 300-0626 (JP).
(74) SHIGA, Masatake et al. / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).
(81) CN KR US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- (51)⁷ H01F 3/08, 17/00, 17/04, 41/02, 41/04
(11) WO 03/043033 (13) A1
(21) PCT/EP02/12708
(22) 13 Nov/nov 2002 (13.11.2002)
(25) de (26) de
(30) 101 55 898.8 14 Nov/nov 2001 DE (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • INDUCTIVE COMPONENT AND METHOD FOR PRODUCING SAME
• COMPOSANT INDUCTIF ET SON PROCEDE DE PRODUCTION
(71) VACUUMSCHMELZE GMBH & CO. KG [DE/DE]; Grüner Weg 37, 63450 Hanau (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BRUNNER, Markus [DE/DE]; Haidstrasse 16, 63856 Bessenbach (DE).
(74) SCHMUCKERMAIER, Bernhard; Westphal, Mussgnug & Partner, Am Riettor 5, 78048 Villingen-Schwenningen (DE).
(81) JP US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- (51)⁷ H01F 17/06, H01J 29/70
(11) WO 03/043034 (13) A1
(21) PCT/US02/36596
(22) 13 Nov/nov 2002 (13.11.2002)
(25) en (26) en
(30) 10/000,877 14 Nov/nov 2001 US (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • CONTROLLED INDUCTION DEVICE AND METHOD OF MANUFACTURING
• DISPOSITIF A INDUCTION CONTROLLEE ET PROCEDE DE FABRICATION
(71) EXCELSUS TECHNOLOGIES, INC. [US/US]; 2875 Loker Avenue East, Carlsbad, CA 92008 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) KIKO, Frederick, J. [US/US]; 3561 Donna Drive, Carlsbad, CA 92008 (US).
(74) GAZDZINSKI, Robert, F.; Gazdzinski & Associates, Suite 375, 11440 West Bernardo Court, San Diego, CA 92127 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US VZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H01F 41/02, 17/00

(11) WO 03/043035 (13) A1

(21) PCT/IB02/04763

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 101 55 594.6 13 Nov/nov 2001 DE (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • METHOD OF PRODUCING A MULTILAYER MICROELECTRONIC SUBSTRATE

• PROCEDE DE PRODUCTION D'UN SUBSTRAT MICROELECTRONIQUE A PLUSIEURS COUCHES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf DE US)

(71) PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH [DE/DE]; Weisshausstrasse 2, 52066 Aachen (DE).

(only for / seulement pour DE)

(72, 75) ZASPALIS, Vassilios [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BOEREKAMP, Jacobus, G. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) VOLMER, Georg; 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01F 41/30, 10/32, G11C 11/16

(11) WO 03/043036 (13) A1

(21) PCT/DE02/03789

(22) 8 Oct/oct 2002 (08.10.2002)

(25) de (26) de

(30) 101 55 424.9 12 Nov/nov 2001 DE (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • METHOD FOR HOMOGENEOUSLY MAGNETIZING AN EXCHANGE-COUPLED LAYER SYSTEM OF A DIGITAL MAGNETIC MEMORY LOCATION DEVICE

• PROCEDE D'AIMANTATION HOMOGENE D'UN SYSTEME DE COUCHES COUPLEES PAR ECHANGE D'UN DISPOSITIF DE CELLULES DE MEMOIRE MAGNETIQUE NUMERIQUE

(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) BRÜCKL, Hubert [DE/DE]; Schongauerstr. 35, 33615 Bielefeld (DE). KLOSTERMANN, Ulrich [DE/DE]; Sude-tenstr. 7, 94227 Zwiesel (DE). WECKER, Joachim [DE/DE]; Eichenring 29, 91341 Röttenbach (DE).

(74) KOTTMANN, Dieter; Müller, Hoffmann & Partner, Patentanwälte, Innere Wiener Str. 17, 81667 München (DE).

(81) CN JP KR US.

(84) EP (DE FR GB IE IT NL).

(51)⁷ H01G

(11) WO 03/043037 (13) A2

(21) PCT/IB02/05144

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 09/987,395 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • A MICRO-GAP GAS FILLED DIELECTRIC CAPACITOR

• CONDENSATEUR A DIELECTRIQUE GAZEUX COMPRENANT DES MICRO-ESPACES

(71, 72) CHEUNG, William, S., H. [GB/CN]; 17/F, Room C, Sincere Insurance Building, 6 Hennessy Road, Hong Kong S.A.R. (CN).

(74) BROWN, K., R. 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01H

(11) WO 03/043038 (13) A2

(21) PCT/US02/35927

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 60/337,527 9 Nov/nov 2001 US (09.11.2001)

(30) 60/337,528 9 Nov/nov 2001 US (09.11.2001)

(30) 60/337,529 9 Nov/nov 2001 US (09.11.2001)

(30) 60/338,055 9 Nov/nov 2001 US (09.11.2001)

(30) 60/338,069 9 Nov/nov 2001 US (09.11.2001)

(30) 60/338,072 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • MEMS DEVICE HAVING CONTACT AND STANDOFF BUMPS AND RELATED METHODS

• DISPOSITIF MEMS COMPRENANT UN CONTACT ET DES BOSSES D'ECARTEMENT, ET PROCEDES ASSOCIES

(71) COVENTOR, INCORPORATED [US/US]; Suite 200, 4001 Weston Parkway, Cary, NC 27513 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEREUS, Dana, R. [US/US]; 960 Azure Circle, Colorado Springs, CO 80910 (US).

(74) WILSON, Jeffrey, L.; Jenkins & Wilson, P.A., Suite 1400, University Tower, 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01H 13/70

(11) WO 03/043039 (13) A1

(21) PCT/DE02/03172

(22) 29 Aug/août 2002 (29.08.2002)

(25) de (26) de

(30) 101 55 397.8 10 Nov/nov 2001 DE (10.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DISTANCE MEASURING DEVICE

• APPAREIL TÉLÉMÉTRIQUE

(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) **STIERLE, Joerg** [DE/DE]; Beethovenstrasse 36, 71111 Waldenbuch (DE). **WOLF, Peter** [DE/DE]; Sandweg 23, 70771 Leinfelden-Echterdingen (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H01H 19/00

(11) WO 03/043040 (13) A2

(21) PCT/DE02/04191

(22) 12 Nov/nov 2002 (12.11.2002)

(25) de (26) de

(30) 101 55 471.0 12 Nov/nov 2001 DE (12.11.2001)

(30) 202 06 744.0 29 Apr/avr 2002 DE (29.04.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ELECTROMECHANICAL IMPULSE GENERATOR COMPRISING A ROTATABLE CAM WHEEL IN THE FORM OF A TOOTHED RING

• GENERATEUR D'IMPULSIONS ELECTROMECHANIQUES COMPRENANT UN PIGNON DE DISTRIBUTION PIVOTANT A LA MANIERE D'UNE ROUE DE CAME A LA MANIERE D'UNE COURONNE DENTEE

(71) **METHODE ELECTRONICS INC.** [DE/DE]; Hagenauer Strasse 1 - 3, 65203 Wiesbaden (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RUEGENBERG, Roland** [DE/DE]; Staudernheimer Strasse 79 a, 55566 Bad Sobernheim (DE).(74) **HAFT V. PUTTKAMER BERNGRUBER CZYBULKA KARAKATSANIS;** Franziskanerstrasse 38, 81669 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H01H 25/06, 9/18

(11) WO 03/043041 (13) A1

(21) PCT/FR02/03343

(22) 1 Oct/oct 2002 (01.10.2002)

(25) fr (26) fr

(30) 01 12817 5 Oct/oct 2001 FR (05.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MODULAR INSTRUMENT PANEL

• TABLEAU DE COMMANDE MODULAIRE

(71) **VALEO CLIMATISATION** [FR/FR]; 8, rue Louis-Lormand, F-78321 La Verrière (FR).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **TOUSSAINT, Alain** [FR/FR]; 19 rue de la Prévenderie, F-78310 Coignieres (FR).(74) **LEVEILLE, Christophe;** Valeo Climatization, 8, rue Louis-Lormand, F-78321 La Verrière (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01H 37/52, 37/46

(11) WO 03/043042 (13) A1

(21) PCT/US02/35923

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 60/337,527 9 Nov/nov 2001 US (09.11.2001)

(30) 60/337,528 9 Nov/nov 2001 US (09.11.2001)

(30) 60/337,529 9 Nov/nov 2001 US (09.11.2001)

(30) 60/338,055 9 Nov/nov 2001 US (09.11.2001)

(30) 60/338,069 9 Nov/nov 2001 US (09.11.2001)

(30) 60/338,072 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MEMS DEVICE HAVING ELECTROTHERMAL ACTUATION AND RELEASE AND METHOD FOR FABRICATING

• DISPOSITIF A MICROSYSTEME ELECTROMECHANIQUE A ACTIONNEMENT ET DECLENCHEMENT ELECTROTHERMIQUES, ET PROCEDE DE FABRICATION

(71) **COVENTOR, INCORPORATED** [US/US]; 4001 Weston Parkway, Suite 200, Cary, NC 27513 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CUNNINGHAM, Shawn, J.** [US/US]; 1223 E. Platte Avenue, Colorado Springs, CO 80909 (US). **DEREUS, Dana, R.** [US/US]; 960 Azure Circle, Colorado Springs, CO 80910 (US). **SETT, Subham** [IN/US]; Apartment 112, 6515 Delmonico Drive, Colorado Springs, CO 80910 (US). **GILBERT, John, R.** [US/US]; 69 Naples Road, Brookline, MA 02446 (US).(74) **WILSON, Jeffrey, L.;** Jenkins & Wilson, P.A., Suite 1400 University Tower, 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01H 37/54

(11) WO 03/043043 (13) A1

(21) PCT/GB02/05155

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 0127370.5 14 Nov/nov 2001 GB (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • IMPROVEMENTS RELATING TO THERMALLY-RESPONSIVE SWITCHES

• AMELIORATIONS APORTEES A DES INTERRUPTEURS THERMOSENSIBLES

(71) **OTTER CONTROLS LIMITED** [GB/GB]; Hardwick Square South, Buxton, Derbyshire SK17 6LA (GB).

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(72, 75) **O'NEILL, Robert, Andrew** [GB/GB]; "Morcot", Alexandra Road, Buxton, Derbyshire SK17 9NQ (GB). **JOHN, Kevin, Edwin** [GB/GB]; Flat 2, 1a The Quadrant, Buxton, Derbyshire SK17 6AW (GB).(74) **MILHENCH, Howard, Leslie 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01H 57/00

(11) WO 03/043044 (13) A1

(21) PCT/US02/35925

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 60/337,527 9 Nov/nov 2001 US (09.11.2001)

(30) 60/337,528 9 Nov/nov 2001 US (09.11.2001)

(30) 60/337,529 9 Nov/nov 2001 US (09.11.2001)

(30) 60/338,055 9 Nov/nov 2001 US (09.11.2001)

(30) 60/338,069 9 Nov/nov 2001 US (09.11.2001)

(30) 60/338,072 9 Nov/nov 2001 US (09.11.2001)

- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MEMS DEVICE HAVING A TRILAYERED BEAM AND RELATED METHODS
• DISPOSITIF A MICROSYSTEME ELECTROMECHANIQUE POSSEDANT UNE POUTRE TRICOUCHE, ET PROCEDES ASSOCIES
- (71) CONVENTOR, INCORPORATED [US/US]; 4001 Weston Parkway, Suite 200, Cary, NC 27513 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CUNNINGHAM, Shawn, J. [US/US]; 1223 E. Platte Avenue, Colorado Springs, CO 80909 (US). DEREUS, Dana, R. [US/US]; 960 Azure Circle, Colorado Springs, CO 80910 (US). SETT, Subham [IN/US]; Apartment 112, 6515 Delmonico Drive, Colorado Springs, CO 80910 (US). TATIC-LUCIC, Svetlana [US/US]; 620 N. Institute, Colorado Springs, CO 80903 (US).
- (74) WILSON, Jeffrey, L.; Jenkins & Wilson, P.A., Suite 1400 University Tower, 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ H01J
- (11) WO 03/043045 (13) A2
- (21) PCT/US02/36643
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/351,308 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PHOTOCATHODE
• PHOTOCATHODE
- (71) NANOSCIENCES CORPORATION [US/US]; 115 Hurley Road, Building 3, Oxford, CT 06478 (US).
- (72) HABIB, Youssef, M.; 627 Conestoga Boulevard, Lancaster, PA 17601 (US). BRYAN, John, G.; 320 Allen Street, Middletown, PA 17057 (US). STOLL, Charles, W., Jr.; 390 Caraway Drive, Mountville, PA 17554 (US). STEINBECK, John, W.; 83 Westminster Drive, Fitzwilliam, NH 03447 (US).
- (74) MILLET, Marcus, 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
- MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01J 1/38, 23/027
- (11) WO 03/043046 (13) A1
- (21) PCT/US02/33627
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 09/683,047 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CARBON NANOTUBE COATED ANODE
• ANODE REVETUE DE NANOTUBES DE CARBONE
- (63) US 09/683,047 (CIP) 13 Nov/nov 2001 (13.11.2001)
- (71) UNITED STATES OF AMERICA as represented by the SECRETARY OF THE AIR FORCE [US/US]; 377 ABW/JAN, 2251 Maxwell Street, SE, Kirtland Air Force Base, NM 97117-5773 (US).
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- (72, 75) SHIFFLER, Donald, A., Jr. [US/US]; 6012 Lola Drive, NE, Albuquerque, NM 87109 (US). HAWORTH, Michael, D. [US/US]; 14 Calle Lomita, Sandia Park, NM 87047 (US).
- (74) SKORICH, James, M.; 377 ABW/JAN, 2251 Maxwell Street, SE, Kirtland Air Force Base, NM 87117-5773 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01J 7/18, 9/38, 29/94
- (11) WO 03/043047 (13) A1
- (21) PCT/IT02/00710
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) en (26) en
- (30) MI2001A002408 14 Nov/nov 2001 IT (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROCESS FOR CALCIUM EVAPORATION INSIDE SYSTEMS OPERATING UNDER VACUUM
• PROCEDE POUR L'EVAPORATION DU CALCIUM A L'INTERIEUR DE SYSTEMES FONCTIONNANT SOUS VIDE
- (71) SAES GETTERS S.P.A. [IT/IT]; Via Italia, 77, I-20020 Lainate (IT).
- (72) CARRETTI, Corrado; Via Luigi Zoja, 15, I-20153 Milano (IT). LONGONI, Giorgio; Via San Gottardo 8, I-20052 Monza (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01J 29/48
- (11) WO 03/043048 (13) A1
- (21) PCT/JP02/11892
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) ja (26) ja
- (30) 2001-352021 16 Nov/nov 2001 JP (16.11.2001)
- (30) 2002-172633 13 Jun/juin 2002 JP (13.06.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CATHODE RAY TUBE APPARATUS
• TUBE CATHODIQUE
- (71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

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- (72, 75) UENO, Hirofumi [JP/JP]; 101, Pine-Gold, 3408-10, Higashigata, Fukaya-shi, Saitama 366-0041 (JP). TAKEKAWA, Tsutomu [JP/JP]; 1-16-10, Kamishibachonishi, Fukaya-shi, Saitama 366-0052 (JP).
- (74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN KR US.

(51)⁷ H01J 29/84

- (11) WO 03/043049 (13) A1
(21) PCT/IB02/04398
(22) 22 Oct/oct 2002 (22.10.2002)
(25) en (26) en
(30) 01204300.6 12 Nov/nov 2001 EP (12.11.2001)
(43) 22 May/mai 2003 (22.05.2003)

- (54) • DISPLAY DEVICE
• DISPOSITIF D'AFFICHAGE

- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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- (72, 75) VAN ABEELLEN, Frank, A. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VISSENBERG, Michel, C., J., 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01J 35/02, H05G 1/02

- (11) WO 03/043050 (13) A1
(21) PCT/US02/32254
(22) 9 Oct/oct 2002 (09.10.2002)
(25) en (26) en
(30) 09/973,633 9 Oct/oct 2001 US (09.10.2001)
(43) 22 May/mai 2003 (22.05.2003)

- (54) • TEMPERATURE LOG FOR X-RAY TUBES
• DIAGRAMME DE TEMPERATURE DESTINE A DES TUBES A RAYONS X

- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). PHILIPS MEDICAL SYSTEMS (CLEVELAND), INC. [US/US]; 595 Miner road, Cleveland, OH 44143 (US).

- (72) PANASIK, Cheryl, L.; 4N610 Deerslayer Drive, Elburn, IL 60119 (US). KUZNIAR, Daniel, E.; 8724 West 44th Place, Lyons, IL 60534 (US).

- (74) CLAIR, Eugene, E.; Philips Medical Systems (Cleveland), Inc., 595 Miner Road, Cleveland, OH 44143 (US) et al. / etc.

(81) JP.

- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H01J 37/26, G01B 7/34, 21/30

- (11) WO 03/043051 (13) A1
(21) PCT/SE02/02065
(22) 12 Nov/nov 2002 (12.11.2002)
(25) en (26) en
(30) 0103781-1 12 Nov/nov 2001 SE (12.11.2001)
(43) 22 May/mai 2003 (22.05.2003)

- (54) • MEASUREMENT DEVICE FOR ELECTRON MICROSCOPE
• DISPOSITIF DE MESURE POUR MICROSCOPE ELECTRONIQUE

- (71) NANOFACTORY INSTRUMENTS AB [SE/SE]; Stena Center 1B, S-412 92 Göteborg (SE).
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- (72, 75) OLIN, Håkan [SE/SE]; Slottskogsgatan 101, S-412 76 Göteborg (SE). SVENSSON, Krister [SE/SE]; Olle Nysted plats 2, S-416 66 Göteborg (SE). ALTHOFF, Fredrik [SE/SE]; Törnrosavägen 8, S-435 31 Mölnlycke (SE). DANILOV, Andrey [RU/SE]; Motgången 309-42, S-412 80 Göteborg (SE).

- (74) AWAPATENT AB; Box 11394, S-404 28 Göteborg (SE).

- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H01J 37/34

- (11) WO 03/043052 (13) A1
(21) PCT/US02/36033
(22) 7 Nov/nov 2002 (07.11.2002)
(25) en (26) en
(30) 09/993,543 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • MAGNET ARRAY IN CONJUNCTION WITH ROTATING MAGNETRON FOR PLASMA SPUTTERING

- ENSEMBLE D'AIMANTS ASSOCIE A UN MAGNETRON ROTATIF EN VUE D'UNE PULVERISATION PLASMA

- (71) APPLIED MATERIALS, INC. [US/US]; P.O. Box 450A, Santa Clara, CA 95052 (US).

- (72) DING, Peijun; 1020 West Riverside Way, San Jose, CA 95129 (US). TAO, Rong; 1131 Arlington Lane, San Jose, CA 95129 (US). XU, Zheng; 279 Hudson Bay Street, Foster City, CA 94404 (US).

- (74) BERNADICOU, Michael, A. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) CN JP KR.

- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)⁷ H01J 49/04, G01N 27/62

- (11) WO 03/043053 (13) A1
(21) PCT/JP02/03477
(22) 8 Apr/avr 2002 (08.04.2002)
(25) ja (26) ja
(30) 2001-347005 13 Nov/nov 2001 JP (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • MICROSPRAY COLUMN, MASS SPECTROMETER, AND MASS SPECTROMETRY

- COLONNE DE MICRO-ASPERION, SPECTROMETRE DE MASSE ET SPECTROMETRIE DE MASSE

- (71) NANO SOLUTION, INC. [JP/JP]; 2nd Floor, Green Plaza, 7-20, Komazawa 3-chome, Setagaya-ku, Tokyo 154-0012 (JP).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) YAMAUCHI, Yoshio [JP/JP]; 403, Toyota-daini-corporasu, 22-13, Higashi-toyoda 3-chome, Hino-shi, Tokyo 191-0051 (JP). NATSUME, Tohru [JP/JP]; 17-21-103, Meguro 1-chome, Meguro-ku, Tokyo 153-0063 (JP). ISOBE, Toshiaki [JP/JP]; 6-7, Minamino 5-chome, Hochioji-shi, Tokyo 192-0916 (JP).

- (74) WATANABE, Kaoru; Amano, Watanabe & Associates, Shine-Mita Bldg. 5F, 40-4, Shiba 3-chome, Minato-ku, Tokyo 105-0014 (JP).

(81) AU CA CN IS KR NO SG US.

(84) EP (AT BE CH DE DK ES FI FR GB IE IT NL PT SE).

(51)⁷ H01J 61/00

(11) WO 03/043054 (13) A2

(21) PCT/IB02/04662

(22) 5 Nov/nov 2002 (05.11.2002)

(25) en (26) en

(30) 01204360.0 15 Nov/nov 2001 EP (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • HIGH-PRESSURE DISCHARGE LAMP
• LAMPE A DECHARGE HAUTE PRES-
SION

(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 ESVELD, Hendrik, A. [NL/NL];
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). HENDRIX, Johan, L., V. [BE/NL];
Prof. Holstlaan 6, NL-5656 AA Eind-
hoven (NL). LUIJKS, Gerardus, M., J., F.
[NL/NL]; Prof. Holstlaan 6, NL-5656 AA
Eindhoven (NL).

(74) DUSSELDORP, Jan, C.; Internationaal Oc-
trooibureau 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01J 61/00

(11) WO 03/043055 (13) A2

(21) PCT/JP02/11757

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 2001-349423 14 Nov/nov 2001 JP (14.11.2001)

(30) 2002-000857 7 Jan/jan 2002 JP (07.01.2002)

(30) 2002-096615 29 Mar/mar 2002 JP (29.03.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • COMPACT SELF-BALLASTED FLU-
ORESCENT LAMP AND MANUFAC-
TURING METHOD FOR ARC TUBE

• LAMPE FLUORESCENTE AUTO-BAL-
LASTEE COMPACTE ET PROCEDE DE
FABRICATION D'UN TUBE A ARC

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza-
kadoma, Kadoma-shi, Osaka 571-8501 (JP).

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(72, 75) IIDA, Shiro [JP/JP]; 1-53, Misasagi-
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Kyoto 607-8406 (JP). NAKANO, Kenji
[JP/JP]; 321, Kuramaguchi-cho, Kita-ku,
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rakata-shi, Osaka 573-0071 (JP). YABUKI,
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machi, Takatsuki-shi, Osaka 569-1136 (JP).
TAKAHASHI, Junichi [JP/JP]; B-302, 25,
Hiyoshidaimanaban-cho, Takatsuki-shi, Os-
aka 569-1022 (JP). UEDA, Takashi [JP/JP];
Seisyun-ryo, 2-8, Saiwai-cho, Takatsuki-shi,
Osaka 569-1143 (JP). KITAGAWA, Hiroki
[JP/JP]; 2-8-827, Saiwai-cho, Takatsuki-shi,
Osaka 569-1143 (JP).

(74) NAKAJIMA, Shiro; 6F, Yodogawa
5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku,
Osaka-shi, Osaka 531-0072 (JP).

(81) CN ID US.

(84) EP (DE FR GB NL).

(51)⁷ H01K

(11) WO 03/043056 (13) A2

(21) PCT/IB02/04714

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) 01204299.0 12 Nov/nov 2001 EP (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ELECTRIC LAMP AND MANUFAC-
TURING METHOD

• LAMPE ELECTRIQUE ET PROCEDE
DE FABRICATION CORRESPONDANT

(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) VERSLUIJS, Cornelis [NL/NL]; Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).
ZAAT, Johannes, A. [NL/NL]; Prof. Hol-
stlaan 6, NL-5656 AA Eindhoven (NL).
SMITS, Henricus, A., A. [NL/NL]; 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) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L

(11) WO 03/043057 (13) A2

(21) PCT/US02/36342

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 60/335,157 13 Nov/nov 2001 US (13.11.2001)

(30) 60/374,208 19 Apr/avr 2002 US (19.04.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYNTHESIS STRATEGIES BASED ON
THE APPROPRIATE USE OF INDUC-
TANCE EFFECTS

• STRATEGIES DE SYNTHESE BASEES
SUR L'UTILISATION APPROPRIEE
D'EFFETS D'INDUCTANCE

(71) MENTOR GRAPHICS CORPORA-
TION [US/US]; 8005 S.W. Boeckman Road,
Wilsonville, OR 97070-7777 (US).

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les États désignés sauf US)

(72, 75) SUAYA, Roberto [US/FR]; 8, allée de la
Roseaie, F-38240 Meylan (FR). ESCOVAR,
Rafael [VE/FR]; 26, rue Emile Gueymard,
F-38000 Grenoble (FR).

(74) BIBLE, Patrick, M.; Klarquist Sparkman,
LLP, One World Trade Center, Suite 1600,
121 SW Salmon Street, Portland, OR 97204
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01L 21/00

(11) WO 03/043058 (13) A1

(21) PCT/EP02/12229

(22) 2 Nov/nov 2002 (02.11.2002)

(25) de (26) de

(30) 101 55 548.2 12 Nov/nov 2001 DE (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DEVICE FOR TREATMENT OF SUB-
STRATES

• DISPOSITIF DE TRAITEMENT DE
SUBSTRATS

(71) MATTSON WET PRODUCTS GMBH
[DE/DE]; Carl-Benz-Strasse 10, 72124
Pliezhausen (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MANN, Klaus [DE/DE]; Nettenwiesen
15, 72336 Balingen (DE). ÖFFINGER, Ul-
rich [DE/DE]; Waldkircherstrasse 21, 79106
Freiburg (DE).

(81) JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ H01L 21/00

(11) WO 03/043059 (13) A2

(21) PCT/US02/35748

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 60/338,058 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ADVANCED PROCESS CONTROL FOR IMMERSION PROCESSING
• COMMANDE DE PROCESSUS AVANCEE POUR TRAITEMENT PAR IMMERSION

(71) FSI INTERNATIONAL, INC. [US/US]; 3455 Lyman Boulevard, Chaska, MN 55318 (US).

(72) SIEFERING, Kevin, L.; 6528 Aster Circle, Excelsior, MN 55331 (US). GROTHE, Phillip, A.; 1100 Anderson Lakes Parkway, Eden Prairie, MN 55344 (US). BECKER, David, S.; 6165 Strawberry Lane, Excelsior, MN 55331 (US).

(74) JORDAHL, Kimberly, S. et al. / etc.; Kagan Binder, PLLC, 200 Maple Island Building, 221 Main Street North, Stillwater, MN 55082 (US).

(81) CN JP KR.

(84) EP (DE FR).

(51)⁷ H01L 21/00

(11) WO 03/043060 (13) A2

(21) PCT/US02/35998

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 60/338,057 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • REDUCED FOOTPRINT TOOL FOR AUTOMATED PROCESSING OF MICROELECTRONIC SUBSTRATES
• OUTIL A ENCOMBREMENT REDUIT POUR TRAITEMENT AUTOMATIQUE DE SUBSTRATS MICRO-ELECTRONIQUES

(71) FSI INTERNATIONAL, INC. [US/US]; 3455 Lyman Boulevard, Chaska, MN 55318 (US).

(72) LARSON, Robert, E.; 5436 Breezy Road, Mound, MN 55364 (US). SIMONDET, Sean, D.; 8550 McGuire Circle, Shakopee, MN 55379 (US). ZIMMERMAN, David, C.; 6715 Casey Parkway, Prior Lake, MN 55372 (US). MACIEJ, Todd, K.; 18421 Twin Lakes Road, Little Falls, MN 56345 (US). MATTHYS, Quirin, W.; 4339 Forest Road, St. Bonifacius, MN 55375 (US).

(74) HUBBARD, Kevin, J. et al. / etc.; Kagan Binder, PLLC, 200 Maple Island Building, 221 Main Street North, Stillwater, MN 55082 (US).

(81) CN JP KR.

(84) EP (DE GB).

(51)⁷ H01L 21/00, H01J 37/32

(11) WO 03/043061 (13) A1

(21) PCT/US02/36557

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/338,034 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • APPARATUS AND METHOD FOR IMPROVING ETCH RATE UNIFORMITY
• APPAREIL ET METHODE POUR AMELIORER L'UNIFORMITE D'UNE VITESSE DE GRAVURE

(71) LAM RESEARCH [US/US]; 4650 Cushing Parkway, Fremont, CA 94538-6470 (US).

(72) DHINSA, Rajinder; 3670 Rollingside Drive, San Jose, CA 95148 (US). KADKHODAYAN, Bobby; 4328 Howe Street #7, Oakland, CA 94611 (US).

(74) RITCHIE, David, B. et al. / etc.; Thelen Reid & Priest LLP, P.O. Box 640640, 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01L 21/027

(11) WO 03/043062 (13) A1

(21) PCT/GB02/05090

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 0127075.0 10 Nov/nov 2001 GB
(10.11.2001)(30) 60/391,971 28 Jun/juin 2002 US
(28.06.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD OF FORMING A PATTERNED METAL LAYER
• PROCEDE DE FORMATION D'UNE COUCHE DE METAL A MOTIF(71) TRIKON HOLDINGS LIMITED [GB/GB]; Coed Rhedyn, Ringland Way, Newport, Gwent NP18 2TA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) O'SULLIVAN, James, Francis [GB/GB]; 38 Kirton Close, Cardiff CF5 2NB (GB). BURGESS, Stephen, Robert [GB/GB]; 39 Clydach Avenue, Rassau, Ebbw Vale, Gwent NP23 5TJ (GB).

(74) DUNLOP, Brian, Kenneth, Charles et al. / etc.; Wynne-Jones, Laine & James, 22 Rodney Road, Cheltenham, Gloucestershire GL50 1JJ (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/027, G03F 7/20

(11) WO 03/043063 (13) A1

(21) PCT/JP02/11778

(22) 12 Nov/nov 2002 (12.11.2002)

(25) ja (26) ja

(30) 2001-345895 12 Nov/nov 2001 JP
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • COMPLEMENTARY MASK, FABRICATION METHOD THEREOF, EXPOSURE METHOD, SEMICONDUCTOR DEVICE, AND FABRICATION METHOD THEREOF

• MASQUE COMPLEMENTAIRE, SON PROCEDE DE PRODUCTION, PROCEDE D'EXPOSITION, DISPOSITIF A SEMI-CONDUCTEURS ET SON PROCEDE DE PRODUCTION

(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) KOIKE, Kaoru [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) DE JP KR US.

(51)⁷ H01L 21/027, G03F 7/20

(11) WO 03/043064 (13) A1

(21) PCT/JP02/11835

(22) 13 Nov/nov 2002 (13.11.2002)

(25) ja (26) ja

(30) 2001-348742 14 Nov/nov 2001 JP
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SUBSTRATE INSPECTING DEVICE, COATING/DEVELOPING DEVICE AND SUBSTRATE INSPECTING METHOD

• DISPOSITIF DE CONTROLE D'UN SUBSTRAT, DISPOSITIF DE REVETEMENT/MISE AU POINT, ET DISPOSITIF DE CONTROLE D'UN SUBSTRAT

(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) TANAKA, Michio [JP/JP]; c/o TOKYO ELECTRON KYUSHU LIMITED KOSHI PLANT, 1-1, Fukuhara, Koshi-machi, Kikuchi-gun, Kumamoto 861-1116 (JP). KIYOTA, Makoto [JP/JP]; c/o TOKYO ELECTRON KYUSHU LIMITED KOSHI

- PLANT, 1-1, Fukuhara, Koshi-machi, Kikuchi-gun, Kumamoto 861-1116 (JP). AIUCHI, Takashi [JP/JP]; c/o TOKYO ELECTRON KYUSHU LIMITED KOSHI PLANT, 1-1, Fukuhara, Koshi-machi, Kikuchi-gun, Kumamoto 861-1116 (JP). UEMURA, Ryouichi [JP/JP]; c/o TOKYO ELECTRON KYUSHU LIMITED KOSHI PLANT, 1-1, Fukuhara, Koshi-machi, Kikuchi-gun, Kumamoto 861-1116 (JP).
- (74) OMORI, Junnichi; 4th Floor, Matrice Bldg., 2-13-7 Minamiaoyama, Minato-ku, Tokyo 107-0062 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01L 21/027, G03F 7/20
- (11) WO 03/043065 (13) A1
- (21) PCT/JP02/11939
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) ja (26) ja
- (30) 2001-352014 16 Nov/nov 2001 JP (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MASK AND ITS MANUFACTURING METHOD, AND METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE
- MASQUE ET PROCÉDÉ DE FABRICATION ASSOCIÉ, ET PROCÉDÉ DE FABRICATION D'UN DISPOSITIF SEMI-CONDUCTEUR
- (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) YOSHIZAWA, Masaki [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) DE KR US.
-
- (51)⁷ H01L 21/20
- (11) WO 03/043066 (13) A2
- (21) PCT/IB02/04723
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 0127263.2 13 Nov/nov 2001 GB (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • LAYERED STRUCTURES
- STRUCTURES EN COUCHES
- (71) ELEMENT SIX LIMITED [GB/GB]; Isle of Man Freeport, Ballasalla, Isle of Man IM99 6AQ (GB).
- (for all designated States except / pour tous les États désignés sauf US)*
- (71) GILSON, David, Grant [ZA/ZA]; Spoor and Fisher, Block A Rochester Place, 173 Rivonia Road, 2057 Morningside (ZA).
- (only for / seulement pour MW)*
- (72, 75) WHITEHEAD, Andrew, John [GB/GB]; 60 Cheylesmore Drive, Frimley, Camberley, Surrey GU16 9BW (GB). TWITCHEN, Daniel, James [GB/GB]; 10 Park Drive, Sunningdale, Berkshire SL5 0BD (GB). SCARSBROOK, Geoffrey, Alan [GB/GB]; 40 Cavendish Mead, Sunninghill, Ascot, Berkshire SL5 9TD (GB).
- (74) CLELLAND, Sandra, Luischen 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/20
- (11) WO 03/043067 (13) A1
- (21) PCT/KR02/02135
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) ko (26) en
- (30) 2001-71452 16 Nov/nov 2001 KR (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • APPARATUS FOR MANUFACTURING ORGANIC ELECTRO-LUMINESCENT LIGHT EMITTING DEVICES FOR MASS PRODUCTION
- APPAREIL DE FABRICATION DE DISPOSITIFS ELECTROLUMINESCENTS ORGANIQUES EN VUE D'UNE PRODUCTION EN SERIE
- (71, 72) JEONG, Kwang-Ho [KR/KR]; 792-8, Janghang-dong, Ilsan-gu, 411-380 Goyang-si, Gyeonggi-do (KR).
- (72, 75) LEE, Sam-Hyeon [KR/KR]; Pyuksan apartment 102-301, Hongsun-dong, Sudaemoon-gu, 120-100 Seoul (KR). HWANG, Chang-Hun [KR/KR]; Yeongnam apartment 502-101, Mongnyeonmaeul, 156, Yatap-dong, Bundang-gu, 463-070 Seongnam-si, Gyeonggi-do (KR).
- (74) MAENG, Seon-Ho; Sunwoo Bldg., 1556-9, Socho-dong, Socho-ku, 137-070 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ H01L 21/205
- (11) WO 03/043068 (13) A1
- (21) PCT/KR01/01946
- (22) 15 Nov/nov 2001 (15.11.2001)
- (25) ko (26) en
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CVD THIN FILM MANUFACTURING APPARATUS
- APPAREIL DE FABRICATION DE FILM MINCE PAR DEPOT CHIMIQUE EN PHASE VAPEUR
- (71) EUGENE TECHNOLOGY CO., LTD. [KR/KR]; 4-3, Chaam-Dong, 330-200 Cheonan (KR).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) UM, Pyung, Yong [KR/CA]; 361 18707 65 Avenue, Surrey BC, V3S9H2 (CA).
- (74) JO, Chi-Hoon; 4th Fl., Jingsung Bldg., 736-8, Yoksam-dong, Kangnam-gu, Seoul 135-924 (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 ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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
- (11) WO 03/043069 (13) A1
- (21) PCT/KR02/02138
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) ko (26) en
- (30) 2001/71276 16 Nov/nov 2001 KR (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • APPARATUS OF CHEMICAL VAPOR DEPOSITION FOR FORMING A THIN FILM
- APPAREIL DE DEPOT CHIMIQUE EN PHASE VAPEUR DESTINE A FORMER UN FILM FIN
- (71) EUGENE TECHNOLOGY CO., LTD. [KR/KR]; 4-3, Chaam-Dong, 330-200 Cheonan (KR).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) UM, Pyung-Yong [KR/CA]; #61 18707 65 Ave., Surrey BC, V3S9H2 (CA).

- (74) **JO, Chi-Hoon** et al. / etc.; 4th Fl., Jingsung Bldg., 736-8, Yoksam-dong, Kangnam-gu, 135-924 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ H01L 21/268, 21/20, 29/786, 21/336
- (11) WO 03/043070 (13) A1
- (21) PCT/JP02/11796
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) ja (26) ja
- (30) 2001-346454 12 Nov/nov 2001 JP (12.11.2001)
- (30) 2001-352162 16 Nov/nov 2001 JP (16.11.2001)
- (30) 2001-373189 6 Dec/déc 2001 JP (06.12.2001)
- (30) 2001-374921 7 Dec/déc 2001 JP (07.12.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • LASER ANNEALING DEVICE AND THIN-FILM TRANSISTOR MANUFACTURING METHOD
- DISPOSITIF DE RECUIT LASER ET PROCEDE DE FABRICATION D'UN TRANSISTOR A COUCHES MINCES
- (71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
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- (54) • CONTROLLED IMPEDANCE TRANSMISSION LINES IN A REDISTRIBUTION LAYER
- LIGNES DE TRANSMISSION A IMPEDANCE COMMANDEE DANS UNE COUCHE DE REDISTRIBUTION
- (71) SKYWORKS SOLUTIONS, INC. [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660 (US).
- (72) CHUNGPAIBONNPATANA, Surasit; 3 Whitney, Irvine, CA 92620 (US). HASHEMI, Hassan, S.; 30636 Mirandela Lane, Laguna Niguel, CA 92677 (US). FAZELPOUR, Siamak; 11979 Mountain Pass Road, San Diego, CA 92128 (US).
- (74) FARJAMI, Michael; Farjami & Farjami LLP, 16148 Sand Canyon, Irvine, CA 92618 (US).
- (81) CN KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
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- (51)⁷ H01L 23/498
- (11) WO 03/043084 (13) A2
- (21) PCT/US02/34205
- (22) 24 Oct/oct 2002 (24.10.2002)
- (25) en (26) en
- (30) 09/986,715 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SEMICONDUCTOR PACKAGE HAVING MULTI-SIGNAL BUS BARS
- BOITIER A SEMI-CONDUCTEUR PRESENTANT DES BARRES OMNIBUS A SIGNAUX MULTIPLES
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) GATES, Timothy; 136 NE Shannon Court, Hillsboro, OR 97124 (US). STONE, Brent; 1330 North Longmore Street, Chandler, AZ 85224 (US).
- (74) HAILS, Robert, L., Jr.; Kenyon & Kenyon, 333 West San Carlos Street, Suite 600, San Jose, CA 95110 (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 TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ H01L 27/02
- (11) WO 03/043086 (13) A2
- (21) PCT/DE02/03870
- (22) 11 Oct/oct 2002 (11.10.2002)
- (25) de (26) de
- (30) 101 55 373.0 10 Nov/nov 2001 DE (10.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR DETECTING CURRENTS IN A SEMICONDUCTOR COMPONENT WITH A MULTI-CELL CURRENT SENSOR
- PROCEDE DE DETECTION DE COURANTS DANS UN COMPOSANT A SEMI-CONDUCTEUR AU MOYEN
- D'UN CAPTEUR DE COURANT MULTICELLULAIRE
- (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) FEILER, Wolfgang [DE/DE]; Hundschleestrasse 7, 72766 Reutlingen (DE). QU, Ning [DE/DE]; Ernst-Felger-Weg 60/1, 72770 Reutlingen (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ H01L 27/04, H03K 19/0175
- (11) WO 03/043087 (13) A1
- (21) PCT/JP02/11761
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) ja (26) ja
- (30) 2001-347282 13 Nov/nov 2001 JP (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SEMICONDUCTOR DEVICE
- DISPOSITIF A SEMI-CONDUCTEUR
- (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 Floor, Kitashinjuku OC Build., 8-15, Kitashinjuku 1-chome, Shinjuku-ku, Tokyo 169-0074 (JP).
- (81) CN DE US.
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- (51)⁷ H01L 27/11, 21/8244
- (11) WO 03/043088 (13) A1
- (21) PCT/JP02/11804
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) ja (26) ja
- (30) 2001-345551 12 Nov/nov 2001 JP (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MEMORY DEVICE
- DISPOSITIF DE MEMOIRE
- (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) UEMURA, Tetsuya [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).
- (74) KUDO, Minoru et al. / etc.; KADOYA BLDG., 6F, 24-10, Minamiooi 6-chome, Shinagawa-ku, Tokyo 140-0013 (JP).
- (81) CN KR US.
- (84) EP (DE).
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- (51)⁷ H01L 29/06, 29/08
- (11) WO 03/043089 (13) A1
- (21) PCT/IB02/04759

- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 0127479.4 16 Nov/nov 2001 GB
(16.11.2001)
- (30) 0130019.3 17 Dec/déc 2001 GB
(17.12.2001)
- (30) 0221839.4 20 Sep/sep 2002 GB
(20.09.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A FIELD EFFECT TRANSISTOR SEMI-CONDUCTOR DEVICE
- DISPOSITIF SEMI-CONDUCTEUR A TRANSISTOR A EFFET DE CHAMP
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) HUETING, Raymond, J., E.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SLOTBOOM, Jan, W.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). MAGNEE, Petrus, H., C.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) SHARROCK, Daniel, J.; Internationaal Octroobureau 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ H01L 29/06
- (11) WO 03/043090 (13) A1
- (21) PCT/US01/42923
- (22) 7 Nov/nov 2001 (07.11.2001)
- (25) en (26) en
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MONOMOLECULAR ELECTRONIC DEVICE
- DISPOSITIF ELECTRONIQUE MONOMOLECULAIRE
- (71) THE MITRE CORPORATION [US/US]; 7515 Colshire Drive, McLean, VA 22102 (US).
- (72) ELLENBOGEN, James, C.; 1422 Andmar Drive, McLean, VA 22101 (US).
- (74) ROSENBERG, Morton, J. et al. / etc.; Rosenberg, Klein & Lee, 3458 Ellicott Center Drive, Suite 101, Ellicott City, MD 21043 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 29/08, 29/06, 29/78, 21/336
- (11) WO 03/043091 (13) A1
- (21) PCT/IB02/04786
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (30) 0127479.4 16 Nov/nov 2001 GB
(16.11.2001)
- (30) 0130019.3 17 Dec/déc 2001 GB
(17.12.2001)
- (30) 0221838.6 20 Sep/sep 2002 GB
(20.09.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • TRENCH-GATE SEMICONDUCTOR DEVICES AND THE MANUFACTURE THEREOF
- DISPOSITIFS SEMI-CONDUCTEURS A TRANCHEE ET GRILLE ET FABRICATION DE CEUX-CI
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) HUANG, Eddie; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DROBNIS, Miron; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HILL, Martin, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HUETING, Raymond, J., E.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) SHARROCK, Daniel, J.; Internationaal Octroobureau 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ H01L 29/45, 21/28
- (11) WO 03/043092 (13) A2
- (21) PCT/DE02/04178
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) de (26) de
- (30) 101 55 442.7 12 Nov/nov 2001 DE
(12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • OHMIC CONTACT STRUCTURE AND METHOD FOR THE PRODUCTION OF THE SAME
- STRUCTURE DE CONTACT OHMIQUE ET SON PROCEDE DE PRODUCTION
- (71) OSRAM OPTO SEMICONDUCTORS GMBH [DE/DE]; Wernerwerkstr. 2, 93049 Regensburg (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRÜDERL, Georg [DE/DE]; Akazienweg 19, 93133 Burglengenfeld (DE). HAHN, Berthold [DE/DE]; Am Pfannenstiel 2, 93055 Hemau (DE). HÄRLE, Volker [DE/DE]; Eichenstrasse 25, 93164 Waldetzingen (DE). LUGAUER, Hans-Jürgen [DE/DE]; Am Ehgarten 14, 93161 Sinzing (DE). STRAUSS, Uwe [DE/DE]; Erich-Kästner-Strasse 32, 93077 Bad Abbach (DE). WEIMAR, Andreas [DE/DE]; Rilkestrasse 32, 93049 Regensburg (DE).
- (74) EPPING, HERMANN & FISCHER; Rildlerstrasse 55, 80339 München (DE).
- (81) CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ H01L 29/786
- (11) WO 03/043093 (13) A1
- (21) PCT/KR02/00111
- (22) 24 Jan/jan 2002 (24.01.2002)
- (25) ko (26) en
- (30) 2001/70661 14 Nov/nov 2001 KR
(14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A MASK FOR CRYSTALLIZING POLYSILICON AND A METHOD FOR FORMING THIN FILM TRANSISTOR USING THE MASK
- MASQUE POUR LA CRISTALLISATION DE SILICIUM POLYCRISTALLIN, ET PROCEDE DE FORMAGE DE TRANSISTOR A FILM MINCE AU MOYEN DE CE MASQUE
- (71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Paldal-ku, 442-370 Suwon-city, Kyungki-do (KR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KANG, Myung-Koo [KR/KR]; Misung Apt. 3-205, Shincheon-dong, Songpa-ku, 138-240 Seoul (KR). KIM, Hyun-Jae [KR/KR]; Cheonggu Apt. 602-1605, 123, Imae-dong, Bundang-ku, 463-830 Seongnam-city, Kyungki-do (KR). KANG, Sook-Young [KR/KR]; Woosung Apt. 501-413, Seocho 2-dong, Seocho-ku, 137-773 Seoul (KR).
- (74) YOU ME PATENT & LAW FIRM; Teheran Bldg., 825-33, Yokasm-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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H01L 29/786, 23/52, 21/768, 21/28, G02F 1/1343, 1/136, 1/1345

(11) WO 03/043094 (13) A1

(21) PCT/KR02/01878

(22) 8 Oct/oct 2002 (08.10.2002)

(25) en (26) en

(30) 2001/70043 12 Nov/nov 2001 KR (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CONTACT PORTION OF SEMICONDUCTOR DEVICE, AND THIN FILM TRANSISTOR ARRAY PANEL FOR DISPLAY DEVICE INCLUDING THE CONTACT PORTION

• PARTIE CONTACT D'UN COMPOSANT A SEMI-CONDUCTEUR ET PANNEAU RESEAU TRANSISTORISE A COUCHES MINCES POUR AFFICHEUR COMPRENANT CETTE PARTIE CONTACT

(71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Paldal-ku, 442-370 Suwon-city, Kyungki-do (KR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Bo-Sung [KR/KR]; Songhyun Villa 301, 100-524, Bongcheon 6-dong, Kwanak-ku, 151-810 Seoul (KR). JUNG, Kwan-Wook [KR/KR]; Byeokjeok-gol Jookong Apt. 911-1502, Youngtong-dong, Paldal-ku, 442-726 Suwon-city, Kyungki-do (KR). HONG, Wan-Shick [KR/KR]; Dae-woo Hyoryeong Apt. 104-402, 1038, Bangbae-dong, Seocho-ku, 137-060 Seoul (KR). KIM, Sang-Gab [KR/KR]; Samik Apt. 205-913, 309-1, Myungil-dong, Kangdong-ku, 134-070 Seoul (KR). HONG, Mun-Pyo [KR/KR]; Purun Maeul Ssangyong Apt. 401-2202, Sunae-dong, Bundang-ku, 463-781 Seongnam-city, Kyungki-do (KR).

(74) YOU ME PATENT & 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 29/82, H01G 23/00

(11) WO 03/043095 (13) A2

(21) PCT/US02/27821

(22) 29 Aug/août 2002 (29.08.2002)

(25) en (26) en

(30) 09/972,033 4 Oct/oct 2001 US (04.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ANCHORS FOR MICRO-ELECTRO-MECHANICAL SYSTEMS (MEMS) DEVICES

• ELEMENTS D'ANCRAGE DESTINES A DES DISPOSITIFS A SYSTEMES MICROELECTROMECHANIQUES (MEMS)

(71) SUPERCONDUCTOR TECHNOLOGIES, INC. [US/US]; 460 Ward Drive, Suite F, Santa Barbara, CA 93111 (US).

(72) PROPHET, Eric, M.; 714 W. Pedergosa, Santa Barbara, CA 93101 (US).

(74) LYON & LYON LLP; MURPHY, David B., 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 31/032

(11) WO 03/043096 (13) A2

(21) PCT/GB02/05058

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 0127113.9 10 Nov/nov 2001 GB (10.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • COPPER-INDIUM BASED THIN FILM PHOTOVOLTAIC DEVICES AND METHODS OF MAKING THE SAME

• DISPOSITIFS PHOTOVOLTAIQUES A FILM MINCE A BASE DE CUIVRE-INDIUM ET PROCEDES DE FABRICATION

(71) SHEFFIELD HALLAM UNIVERSITY [GB/GB]; City Campus, Howard Street, Sheffield S1 1WB (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DHARMADASA BANDA, Imyhamy, Mudiyansele [GB/GB]; City Campus, Howard Street, Sheffield S1 1WB (GB). DELSOL, Thomas [FR/GB]; City Campus, Howard Street, Sheffield S1 1WB (GB). SAMANTILLEKE, Anura, Priyajith [LK/GB]; City Campus, Howard Street, Sheffield S1 1WB (GB). YOUNG, John [GB/GB]; City Campus, Howard Street, Sheffield S1 1WB (GB).

(74) CROFT, Iain; Franks & Co, 9 President Buildings, Savile Street East, Sheffield S4 7UQ (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 33/00, H01S 5/343

(11) WO 03/043097 (13) A1

(21) PCT/JP02/11770

(22) 12 Nov/nov 2002 (12.11.2002)

(25) ja (26) ja

(30) 2001-350615 15 Nov/nov 2001 JP (15.11.2001)

(30) 2002-73871 18 Mar/mar 2002 JP (18.03.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ULTRAVIOLET EMITTING DEVICE
• DISPOSITIF EMETTEUR ULTRAVIOLET

(71) MITSUBISHI CABLE INDUSTRIES, LTD. [JP/JP]; 8, Nishinocho, Higashimukaijima, Amagasaki-shi, Hyogo 660-0856 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) OKAGAWA, Hiroaki [JP/JP]; c/o Itami Factory of MITSUBISHI CABLE INDUSTRIES, LTD., 3, Ikejiri 4-chome, Itami-shi, Hyogo 664-0027 (JP). TADATOMO, Kazuyuki [JP/JP]; c/o Itami Factory of MITSUBISHI CABLE INDUSTRIES, LTD., 3, Ikejiri 4-chome, Itami-shi, Hyogo 664-0027 (JP). OUCHI, Yoichiro [JP/JP]; c/o Itami Factory of MITSUBISHI CABLE INDUSTRIES, LTD., 3, Ikejiri 4-chome, Itami-shi, Hyogo 664-0027 (JP). TSUNEKAWA, Takashi [JP/JP]; c/o Itami Factory of MITSUBISHI CABLE INDUSTRIES, LTD., 3, Ikejiri 4-chome, Itami-shi, Hyogo 664-0027 (JP).

(74) TAKASHIMA, Hajime; Fujimura Yamato Seimei Bldg., 2-14, Fushimimachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0044 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H01L 39/24, 39/14

(11) WO 03/043098 (13) A2

(21) PCT/IB02/04715

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) 01402925.0 14 Nov/nov 2001 EP (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PROCESS FOR APPLYING A RESISTIVE LAYER ON AN OXIDE SUPERCONDUCTING ELEMENT, OXIDE SUPERCONDUCTING ELEMENT HAVING A RESISTIVE LAYER AND USE THEREOF

• PROCEDE D'APPLICATION D'UNE COUCHE RESISTIVE SUR UN ELEMENT SUPRACONDUCTEUR A BASE D'OXYDE, ELEMENT SUPRACONDUCTEUR A BASE D'OXYDE A COUCHE RESISTIVE ET SON UTILISATION

(71) NEXANS [FR/FR]; 16, rue de Monceau, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOCK, Joachim [DE/DE]; Am Burgfeld 51, 50374 Erftstadt (DE). BAECKER, Michael [DE/DE]; Burgunderstrasse 2a, 50677 Köln (DE).

(74) FERAY, Valérie et al. / etc.; Feray Lenne Conseil, 44/52, rue de la Justice, F-75020 Paris (FR).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H01L 41/113

(11) WO 03/043099 (13) A2

(21) PCT/JP02/11373

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 2001-346528 12 Nov/nov 2001 JP (12.11.2001)

(30) 2002-185236 25 Jun/juin 2002 JP (25.06.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • OSCILLATING-TYPE GENERATOR
• GENERATRICE OSCILLANTE

(71) USC CORPORATION [JP/JP]; 6-4 Ohsaki 1-chome, Shinagawa-ku, Tokyo 141-8571 (JP).

(72) SAKAI, Yasuhiro; c/o USC Co., Limited, 6-4 Ohsaki 1-chome, Shinagawa-ku, Tokyo 141-8571 (JP).

(74) YAMAGUCHI, Tetsuo; 2F, Maruwa Bldg., 17-10, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 51/20

(11) WO 03/043100 (13) A1

(21) PCT/EP02/12241

(22) 2 Nov/nov 2002 (02.11.2002)

(25) de (26) de

(30) 101 55 346.3 10 Nov/nov 2001 DE (10.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SOLAR CELL WITH ORGANIC MATERIAL IN THE PHOTOVOLTAIC LAYER AND METHOD FOR THE PRODUCTION THEREOF
• PILE SOLAIRE A MATERIAU ORGANIQUE DANS LA COUCHE PHOTOVOLTAIQUE ET PROCEDE DE FABRICATION ASSOCIE

(71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Leonrodstrasse 54, 80636 München (DE).

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(72, 75) HINSCH, Andreas [DE/DE]; Richard-Wagner-Strasse 37, 79104 Freiburg (DE). GEORG, Andreas [DE/DE]; Richard-Wagner-Strasse 37, 79104 Freiburg (DE). NIGGEMANN, Michael [DE/DE]; Erwinstrasse 15, 79102 Freiburg (DE).

(74) RÖSLER, Uwe; Landsberger Strasse 480a, 81241 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H01M

(11) WO 03/043101 (13) A2

(21) PCT/EP02/12775

(22) 14 Nov/nov 2002 (14.11.2002)

(25) de (26) de

(30) 101 56 073.7 16 Nov/nov 2001 DE (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FILM BATTERY FOR PORTABLE DATA CARRIERS HAVING AN ANTENNA FUNCTION
• BATTERIE MINCE POUR SUPPORT DE DONNEES PORTABLE A FONCTION D'ANTENNE

(71) GIESECKE & DEVRIENT GMBH [DE/DE]; Prinzregentenstrasse 159, 81677 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FINKENZELLER, Klaus [DE/DE]; Georg-Wopfnier-Strasse 54, 80939 München (DE).

(74) KLUNKER, SCHMITT-NILSON, HIRSCH; Winzererstrasse 106, 80797 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M

(11) WO 03/043102 (13) A2

(21) PCT/US02/35785

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 60/043,636 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • NON-AQUEOUS ELECTROLYTES FOR LITHIUM ELECTROCHEMICAL CELLS

• ELECTROLYTES NON AQUEUX DESTINES A DES CELLULES ELECTROCHIMIQUES AU LITHIUM

(71) YARDNEY TECHNICAL PRODUCTS, INC. [US/US]; 82 Mechanic Street, Pawcatuck, CT 06379 (US).

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(72, 75) BARBARICH, Thomas, J. [US/US]; 22 Mariner Heights, Apt 2, Westerly, RI 02891 (US).

(74) DOHERTY, John, R.; P.O. Box 706, Stevenson, CT 06491-0706 (US).

(81) CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01M

(11) WO 03/043103 (13) A2

(21) PCT/US02/35924

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 101 54 896.6 12 Nov/nov 2001 DE (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • NONWOVEN SEPARATOR FOR ELECTROCHEMICAL CELL
• SEPARATEUR NON TISSE POUR CELLULE ELECTROCHIMIQUE

(71) EVEREADY BATTERY COMPANY, INC. [US/US]; P.O. Box 450777, 25225 Detroit Road, Westlake, OH 44145 (US). CARL FREUDENBERG KG [DE/DE]; Hoehnerweg 2-4, 69469 Weinheim (DE).

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(71) WEISS, Mathias [DE/DE]; Liebenzellerstrasse 4, 71642 Ludwigsburg (DE).
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(72, 75) AUDEBERT, Jean-Francois [FR/US]; 30721 Atlanta Lane, Westlake, OH 44145 (US). FEISTNER, Hans-Joachim [DE/DE]; Klingenstrasse 12, 69518 Absteinach (DE). FREY, Gunter [DE/DE]; Schwarzwaldstrasse 1, 79418 Schliengen (DE). FARER, Raoul [DE/DE]; Salzstrasse 25-27, 79098 Freiburg (DE). THRASHER, Gary, Lee [US/US]; 29506 West Oakland Road, Bay Village, OH 44140 (US).

(74) FRASER, Stewart, A.; Eveready Battery Company, Inc., P. O. Box 450777, 25225 Detroit Road, Westlake, OH 44145 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M

(11) WO 03/043104 (13) A2

(21) PCT/US02/36624

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 09/993,390 14 Nov/nov 2001 US
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SKIDS, MODULES, AND MODULAR
SYSTEMS FOR MONITORING HY-
DROGEN-COOLED GENERATORS

• PATINS, MODULES ET SYSTEMES
MODULAIRES PERMETTANT DE
CONTROLLER DES GENERATEURS
REFROIDIS PAR HYDROGENE

(71) ENVIRONMENT ONE COPORATION
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(72, 75) BROSNIHAN, Ronald, F. [US/US];
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McChesney Avenue, Ext. 19-9, Troy, NY
12180 (US). CLARK, James, T. [US/US];
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12065 (US). KILMARTIN, Steven, D.
[US/US]; 206 West Madison Avenue, John-
stown, NY 12095 (US). KODESCH, Steven,
E. [US/US]; 314 Terrace Road, Schenectady,
NY 12306 (US). WILLIAMS, Robert, A.
[US/US]; 331 Seventh Avenue, Troy, NY
12182 (US).

(74) PASCARELLA, David, A. et al. / etc.; Hes-
lin Rothenberg Farley & Mesiti P.C., 5 Co-
lumbia Circle, Albany, NY 12203 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 2/02, 4/02, 4/58, 10/40

(11) WO 03/043105 (13) A1

(21) PCT/JP02/11669

(22) 8 Nov/nov 2002 (08.11.2002)

(25) ja (26) ja

(30) 2001-346588 12 Nov/nov 2001 JP
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ELECTRIC CELL

• CELLULE ELECTRIQUE

(71) SONY CORPORATION [JP/JP]; 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
141-0001 (JP).

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les États désignés sauf US)

(72, 75) KIMIJIMA, Takaaki [JP/JP]; c/o
Sony Fukushima Corporation, 1-1, Aza
Shimosugishita, Hiwada-cho Takakura,
Koriyama-shi, Fukushima 963-0531 (JP).
MAMADA, Norio [JP/JP]; c/o Sony
Fukushima Corporation, 1-1, Aza Shimosug-
ishita, Hiwada-cho Takakura, Koriyama-shi,
Fukushima 963-0531 (JP).

(74) FUJISHIMA, Youichiro; 2F, Oodai Build-
ing, 9-5, Shinjuku 1-chome, Shinjuku-ku,
Tokyo 160-0022 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H01M 2/12

(11) WO 03/043106 (13) A1

(21) PCT/IB02/04758

(22) 14 Nov/nov 2002 (14.11.2002)

(25) it (26) en

(30) VI2001A000240 14 Nov/nov 2001 IT
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SEAL AND BLEED VALVE UNIT FOR
ELECTRIC BATTERIES

• CLAPET D'ETANCHEITE ET DE
PURGE POUR BATTERIES ELEC-
TRIQUES

(71, 72) STOCCHIERO, Franco [IT/IT]; Via
Giacomo Zanella 34/A, I-36050 Montorso
Vicentino (IT).

(74) BONINI, Ercole; Studio Ing. E. Bonini
SRL, Corso Fogazzaro, 8, I-36100 Vicenza
(IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01M 4/04

(11) WO 03/043107 (13) A1

(21) PCT/JP02/10343

(22) 3 Oct/oct 2002 (03.10.2002)

(25) ja (26) ja

(30) 2001-350591 15 Nov/nov 2001 JP
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR MANUFACTURING
SECONDARY BATTERY ELECTRODE
COMPOSITE MATERIAL AND MANU-
FACTURING APPARATUS

• PROCEDE DE FABRICATION D'UN
MATERIAU COMPOSITE D'UNE

ELECTRODE SECONDAIRE DE BAT-
TERIE

(71) TORAY ENGINEERING CO., LTD.
[JP/JP]; Nakanoshima Mitsui Building,, 3-3,
Nakanoshima 3-chome, Kita-ku, Osaka-shi,
Osaka 530-8222 (JP).

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les États désignés sauf US)

(72, 75) KURIMOTO, Yasuo [JP/JP]; 2-53-18,
Nango, Otsu-shi, Shiga 520-0865 (JP). FU-
RUICHI, Ryoichi [JP/JP]; 1-3-21, Kitaoji,
Otsu-shi, Shiga 520-0843 (JP).

(74) SUGITANI, Tsutomu; Nishitenma No.11,
Matsuya Bldg., 10-8, Nishitenma 1-chome,
Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H01M 4/38, 4/48, 4/66, 10/38, 10/44

(11) WO 03/043108 (13) A1

(21) PCT/US01/44025

(22) 13 Nov/nov 2001 (13.11.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • BURIED ANODE LITHIUM THIN FILM
BATTERY AND PROCESS FOR FORM-
ING THE SAME

• PILE A COUCHE MINCE DE LITHIUM
A ANODE ENTERREE ET PROCEDE
DE FORMATION ASSOCIE

(71) MIDWEST RESEARCH INSTITUTE
[US/US]; 425 Volker Boulevard, Kansas City,
MO 64410 (US).

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les États désignés sauf US)

(72, 75) LEE, Se, Hee [KR/US]; 12221 West
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TRACY, C, Edwin [US/US]; 19012 West
60th Drive, Golden, CO 80401 (US). LIU,
Ping [CN/US]; 2495 Gaylord Street, Apt 2,
Denver, CO 80210 (US).

(74) WHITE, Paul, J. et al. / etc.; National
Renewable Energy Laboratory, 1617 Cole
Boulevard, Golden, CO 80401 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
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 :

(r) for the following designations / pour les
designations 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

(51)⁷ H01M 4/48

(11) WO 03/043109 (13) A1

(21) PCT/KR02/01786

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 2001/63771 16 Oct/oct 2001 KR
(16.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ELECTRODE ACTIVE MATERIALS FOR LITHIUM SECONDARY BATTERIES, METHOD FOR PREPARING THE SAME, AND LITHIUM SECONDARY BATTERIES USING THE SAME

• MATERIAUX ACTIFS D'ELECTRODES POUR BATTERIES SECONDAIRES AU LITHIUM, PROCEDE DE PREPARATION ASSOCIE ET BATTERIES SECONDAIRES AU LITHIUM UTILISANT CES MATERIAUX ACTIFS D'ELECTRODES

(71) HANYANG HAK WON CO., LTD. [KR/KR]; 17 Hangdang-1-dong, Sungdong-ku, 133-070 Seoul (KR).

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(72, 75) SUN, Yang-Kook [KR/KR]; 1018-1103 Gongryung Taekang Apt., Gongryung-dong, Nowon-ku, 139-240 Seoul (KR). LEE, Ho-Hyuk [KR/KR]; #803, Nadong, Samho Garden Mansion, 30-20, Banpo-dong, Seocho-ku, 137-040 Seoul (KR).

(74) CHO, Hyeon-Seok; 3rd Floor, Yoosung Building, 628-13 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 8/02, 8/04, 8/12, 8/24

(11) WO 03/043110 (13) A1

(21) PCT/JP02/11124

(22) 25 Oct/oct 2002 (25.10.2002)

(25) ja (26) ja

(30) 2001-328631 26 Oct/oct 2001 JP
(26.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FUEL CELL

• PILE A COMBUSTIBLE

(71) SUMITOMO PRECISION PRODUCTS CO., LTD [JP/JP]; 1-10, Fusocho, Amagasaki-shi, Hyogo 660-0891 (JP).

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(72, 75) ORISHIMA, Hiroshi [JP/JP]; c/c, SUMITOMO PRECISION PRODUCTS CO., LTD, 1-10, Fusocho, Amagasaki-shi, Hyogo 660-0891 (JP). HIRAKAWA, Masahiro [JP/JP]; c/c, SUMITOMO PRECISION PRODUCTS CO., LTD, 1-10, Fusocho, Amagasaki-shi, Hyogo 660-0891 (JP). KASHIMA, Shouichi [JP/JP]; c/c, SUMITOMO PRECISION PRODUCTS CO., LTD, 1-10, Fusocho, Amagasaki-shi, Hyogo 660-0891 (JP).

(74) IKEJYO, Shigenobu; Shibakawa Bldg., 3-3, Fushimimachi 3-chome, Chuou-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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 8/02, 8/12, 4/86, 4/88

(11) WO 03/043111 (13) A1

(21) PCT/JP02/11949

(22) 15 Nov/nov 2002 (15.11.2002)

(25) ja (26) ja

(30) 2001-350372 15 Nov/nov 2001 JP
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • COMPOSITE OXIDE FOR SOLID OXIDE FUEL CELL AND METHOD FOR PREPARATION THEREOF

• OXYDE COMPOSITE POUR PILES A COMBUSTIBLE A OXYDE SOLIDE, ET PROCEDE DE PREPARATION

(71) SEIMI CHEMICAL CO., LTD. [JP/JP]; 3-2-10, Chigasaki, Chigasaki-shi, Kanagawa 253-8585 (JP).

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(72, 75) MUNAKATA, Fumio [JP/JP]; 6829-5, Yahoo, Kunitachi-shi, Tokyo 186-0011 (JP). FURUYA, Kenji [JP/JP]; 1-57-1-302, Tomiokanishi, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0052 (JP). HATANNO, Masaharu [JP/JP]; 3-4-14-507, Hino, Konan-ku, Yokohama-shi, Kanagawa 234-0051 (JP). FUJIE, Yoshinori [JP/JP]; c/o Seimi Chemical Co., Ltd., 3-2-10, Chigasaki, Chigasaki-shi, Kanagawa 253-8585 (JP). SUHARA, Manabu [JP/JP]; c/o Seimi Chemical Co., Ltd., 3-2-10, Chigasaki, Chigasaki-shi, Kanagawa 253-8585 (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 LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01M 8/04

(11) WO 03/043112 (13) A1

(21) PCT/EP02/12701

(22) 13 Nov/nov 2002 (13.11.2002)

(25) de (26) de

(30) 01126949.5 13 Nov/nov 2001 EP
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DEVICES FOR SUPPLYING FUEL TO FUEL CELLS

• DISPOSITIFS POUR L'ALIMENTATION EN COMBUSTIBLE DE PILES A COMBUSTIBLE

(71) SFC SMART FUEL CELL AG [DE/DE]; Eugen-Sänger-Strasse, Geb. 53.0, 85649 Brunnthal-Nord (DE).

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(72, 75) DEINZER, Klaus [CH/CH]; Alter Zürichweg 10c, 8952 Schlieren (CH). RENSCH, Rafael [CH/CH]; Zinzera 1b, 7166 Trun (CH). REBSAMEN, Christoph [CH/CH]; Riedtlistrasse 35, 8006 Zürich (CH). KOLL, Andreas [CH/CH]; Im oberen Boden 5, 8049 Zürich (CH).

(74) WEIGELT, Udo; Grünecker, Kinkeldey, Stockmair & Schwanhäusser, Maximilianstrasse 58, 80538 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 8/04

(11) WO 03/043113 (13) A1

(21) PCT/JP02/11078

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 2001-347337 13 Nov/nov 2001 JP
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FUEL CELL SYSTEM AND METHOD OF STOPPING THE SYSTEM

• SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE D'ARRET DUDIT SYSTEME

(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) MIYAZAWA, Atsushi [JP/JP]; 3-15-1-11-417, Morisaki, Yokosuka-shi, Kanagawa 238-0023 (JP). TAKEKAWA, Toshihiro [JP/JP]; 3-26-1-405, Kinugasasakac-machi, Yokosuka-shi, Kanagawa 238-0031 (JP).
- (74) GOTO, Masaki; Shoyu-Kaikan, 3-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ H01M 8/04
- (11) WO 03/043114 (13) A2
- (21) PCT/JP02/09663
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) en (26) en
- (30) 2001-350994 16 Nov/nov 2001 JP (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • FUEL CELL POWER PLANT
• CENTRALE DE PILES A COMBUSTIBLE
- (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) KAMIHARA, Tetsuya [JP/JP]; 2-39-5-202, Miyamoto-cho, Minami-ku, Yokohama-shi, Kanagawa 232-0016 (JP).
- (74) GOTO, Masaki; Shoyu-Kaikan, 3-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ H01M 8/04, B01F 3/04, 5/06
- (11) WO 03/043115 (13) A2
- (21) PCT/US02/36524
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 09/993,401 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A GAS HUMIDIFICATION DEVICE FOR OPERATION, TESTING, AND EVALUATION OF FUEL CELLS
• DISPOSITIF D'HUMIDIFICATION DE GAZ POUR L'EXPLOITATION, L'ESSAI ET L'EVALUATION DE PILES A COMBUSTIBLE
- (71) LYNNTech, INC. [US/US]; 7610 Eastmark Drive, College Station, TX 77845 (US).
- (72) ANDREWS, Craig, C.; 1106 Walton, College Station, TX 77840 (US). FLUSCHE, Mark, J.; 3603 A Comanche, Bryan, TX 77802 (US). LYONS, Donald, P.; 301 Krenek Tap #113, College Station, TX 77840 (US).

- (74) CAMPIGOTTO, Frank, J.; Streets & Steele, Suite 355, 13831 Northwest Freeway, Houston, TX 77040 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 8/10, C08J 5/22

- (11) WO 03/043116 (13) A1
- (21) PCT/EP02/12461
- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) de (26) de
- (30) 101 55 543.1 12 Nov/nov 2001 DE (12.11.2001)
- (30) 101 55 545.8 12 Nov/nov 2001 DE (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROTON-CONDUCTING ELECTROLYTE MEMBRANE, METHOD FOR PRODUCTION AND USE THEREOF IN A FUEL CELL
• MEMBRANE ELECTROLYTIQUE DE CONDUCTION PROTONIQUE, SON PROCEDE DE PRODUCTION ET SON UTILISATION DANS UNE PILE A COMBUSTIBLE
- (71) SARTORIUS AG [DE/DE]; Weender Landstrasse 94-108, 37075 Göttingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MELZNER, Dieter [DE/DE]; Kreuzberggring 87, 37075 Göttingen (DE). KIEL, Suzana [DE/DE]; Kurze Strasse 8, 37073 Göttingen (DE). MÄHR, Ulrich [DE/DE]; Reichsstrasse 92a, 14052 Berlin (DE). REICHE, Annette [DE/DE]; Oberhof 24a, 06254 Zöschen (DE).

- (74) RUCKER, Ernst; Grafinger Strasse 2, 81671 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01M 8/24

- (11) WO 03/043117 (13) A2
- (21) PCT/FR02/03924

- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) fr (26) fr
- (30) 01/14841 16 Nov/nov 2001 FR (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR MAKING A FUEL CELL WITH LARGE ACTIVE SURFACE AND REDUCED VOLUME
• PROCEDE DE FABRICATION D'UNE PILE A COMBUSTIBLE A SURFACE ACTIVE IMPORTANTE ET A VOLUME REDUIT
- (71) COMMISSARIAT A L'ENERGIE ATOMIQUE [FR/FR]; 31/33, rue de la Fédération, F-75752 Paris 15ème (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ARROYO, Jean [FR/FR]; 4, rue Champ Rochas, F-38240 Meylan (FR). BLOCH, Didier [FR/FR]; 288, chemin des Viers, F-38330 Biviers (FR). LAURENT, Jean-Yves [FR/FR]; 3, allée du Parc, F-38640 Claix (FR). MARSACQ, Didier [FR/FR]; 12, rue Jean Prévost, F-38000 Grenoble (FR).
- (74) GUERRE, Fabien; Brevetome, 3, rue du Docteur Lancereaux, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01P 1/04

- (11) WO 03/043118 (13) A1
- (21) PCT/IB02/04732
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) en (26) en
- (30) 01127087.3 14 Nov/nov 2001 EP (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MULTICHIP MODULE
• MODULE MULTIPUCE
- (71) MARCONI COMMUNICATIONS GMBH [DE/DE]; Gerberstrasse 33, 71522 Backnang (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GILL, Hardial, Singh [GB/DE]; Elly-Heuss-Knapp-Wegg 38-3, 71522 Backnang (DE). KOCH, Stefan [DE/DE]; Am Neufeld 21, 71570 Oppenweiler (DE). LOHRMANN, Rolf [DE/DE]; Birkenackerweg 13, D-71522 Backnang (DE).
- (74) COLLIER, Ian, Terry; Marconi Intellectual Property, Marrable House, The Vineyards, Gt. Baddow, Chelmsford, Essex CM2 7QS (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 TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01P 1/16, 3/08, H01Q 1/38, 13/20

(11) WO 03/043119 (13) A1

(21) PCT/SE02/02066

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 0103783-7 12 Nov/nov 2001 SE
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • STRIP-LOADED DIELECTRIC SUB-
STRATES FOR IMPROVEMENTS OF
ANTENNAS AND MICROWAVE DE-
VICES

• SUBSTRATS DIELECTRIQUES
CHARGES A RUBAN POUR AME-
LIORATIONS D'ANTENNES ET DE
DISPOSITIFS MICRO-ONDES

(71) KILDAL ANTENN CONSULTING AB
[SE/SE]; Kullavägen 8, S-435 43 Pixbo (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KILDAL, Per-Simon [SE/SE]; Kullavä-
gen 8, S-435 43 Pixbo (SE).

(74) AWAPATENT AB; P.O. Box 11394, S-404
28 Stockholm (SE).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL PT
RO RU SC SD SE SG SI SK (Utility model /
modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL PT SE
SK TR) OA (BF BJ CF CG CI CM GA GN GQ
GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H01P 1/383, H04B 1/48

(11) WO 03/043120 (13) A1

(21) PCT/GB02/05074

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) 0127188.1 13 Nov/nov 2001 GB
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DIPLEXER

• DIPLEXEUR

(71) QUASAR MICROWAVE TECHNOL-
OGY LIMITED [GB/GB]; Battle Road,
Heathfield, Newton Abbot, Devon TQ12
6XU (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PIKE, Matthew [GB/GB]; Quasar Mi-
crowave Technology Limited, Battle Road,
Heathfield, Newton Abbot, Devon TQ12
6XU (GB). HELME, Barry, George, Mor-
ton [GB/GB]; Quasar Microwave Technology
Limited, Battle Road, Heathfield, Newton
Abbot, Devon TQ12 6XU (GB).

(74) CRASKE, Stephen, Allan; Craske & Co.,
Patent Law Chambers, 15 Queens Terrace,
EXETER, Devon EX4 4HJ (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 TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01P 1/387

(11) WO 03/043121 (13) A1

(21) PCT/US02/34981

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/350,565 13 Nov/nov 2001 US
(13.11.2001)

(30) 10/234,672 4 Sep/sep 2002 US
(04.09.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • LOW TEMPERATURE CO-FIRED CE-
RAMIC (LTCC) CIRCULATOR

• CIRCULATEUR CERAMIQUE AYANT
SUBI UNE COUSSION A BASSE
TEMPERATURE

(71) RAYTHEON COMPANY [US/US]; 141
Spring Street, Lexington, MA 02421 (US).

(72) LOMBARDI, Robert, B.; 69 Randolph
Street, Brockton, MA 02302 (US). PLEVA,
Joseph, S.; 16 Rossini Drive, Londonderry,
NH 03053 (US). ROWLAND, Landon;
31 Graniteville Road, Westford, MA 01886
(US). SETZCO, Paul; 15 Orchard Street,
Wellesley, MA 02181 (US).

(74) ROBINSON, Kermit et al. / etc.; Daly,
Crowley & Mofford, LLP, Suite 101, 275
Turnpike Street, Canton, MA 02021 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les
désignations

(s) for all designations / pour toutes les
désignations

(t) for all designations / pour toutes les
désignations; (t) for all designations / pour
toutes les désignations

(51)⁷ H01Q 1/24, H04B 1/38

(11) WO 03/043122 (13) A1

(21) PCT/GB02/05091

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 0127208.7 13 Nov/nov 2001 GB
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PROTECTION AGAINST EM RADIA-
TIONS

• PROTECTION CONTRE LES RAYON-
NEMENTS ELECTROMAGNETIQUES

(71) 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) EDWARDS, Robert [GB/GB]; Cen-
tre for Mobile Communication Research,
Electronic and Electrical Engineering De-
partment, Mappin Street, Sheffield S1 3JD
(GB).

(74) HARRISON GODDARD FOOTE; Bel-
grave Hall, Belgrave Street, Leeds LS2 8DD
(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 SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q 3/26, 1/08

(11) WO 03/043123 (13) A1

(21) PCT/EP02/12281

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 0127415.8 15 Nov/nov 2001 GB
(15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A CELLULAR RADIO ADAPTIVE AN-
TENNA ARRAY

- RESEAU CELLULAIRE D'ANTENNES ADAPTATIVES

(71) ROKE MANOR RESEARCH LIMITED
[GB/GB]; Old Salisbury Lane, Romsey,
Hampshire SO51 0ZN (GB).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) TARRAN, Christopher, John
[GB/GB]; Woodlands, School Road, West
Wellow, Romsey Hants SO51 6AR (GB).(74) ALLEN, Derek et al. / etc.; Siemens Shared
Services Limited, Siemens AG, P.O. Box 22
16 34, 80506 Munich (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 OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN
YU ZA ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01Q 3/26, 5/00, 3/08, 3/20, 1/32

(11) WO 03/043124 (13) A1

(21) PCT/US02/35854

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 60/345,065 9 Nov/nov 2001 US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ANTENNA ARRAY FOR MOVING VE-
HICLES

- RESEAU D'ANTENNES POUR VEHI-
CULES EN DEPLACEMENT

(71) EMS TECHNOLOGIES INC. [US/US];
660 Engineering Drive, Norcross, GA
30092-2821 (US).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) HOWELL, James, M. [US/US]; 545
Fairway Drive, Woodstock, GA 30189 (US).
FREEMAN, Robert, A. [US/US]; 3962
Gunnin Road, Norcross, GA 30092 (US).(74) GARDNER, Arthur, A. et al. / etc.; Gardner
Groff & Mehrman, P.C., 600 Village Trace,
Bldg. 23, Ste. 300, Marietta, GA 30067 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)(51)⁷ H01Q 3/26, 25/00, 21/06, H04B 7/08,
G01S 13/48, 13/68

(11) WO 03/043125 (13) A1

(21) PCT/US02/35956

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 60/345,414 9 Nov/nov 2001 US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • BEAMFORMER FOR MULTI-BEAM
RECEIVE ANTENNA

- FORMEUR DE FAISCEAUX POUR AN-
TENNE DE RECEPTION MULTIFAIS-
CEAUX

(71) EMS TECHNOLOGIES, INC. [US/US];
660 Engineering Drive, Norcross, GA
30092-2821 (US).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) HOWELL, James, M. [US/US]; 545
Fairway Drive, Woodstock, GA 30189 (US).(74) GARDNER, Arthur, A. et al. / etc.; Gardner
Groff & Mehrman, P.C., Suite 300, Building
23, 600 Village Trace, Marietta, GA 30067
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ**SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*(51)⁷ H01Q 3/26, H04B 10/12

(11) WO 03/043126 (13) A1

(21) PCT/US02/36845

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 60/332,368 15 Nov/nov 2001 US
(15.11.2001)(30) 10/116,854 5 Apr/avr 2002 US
(05.04.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • RF POWER AMPLIFICATION SYSTEM
• SYSTEME D'AMPLIFICATION DE
PUISSANCE RF(63) US 10/116,854 (CON)
5 Apr/avr 2002 (05.04.2002)(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) YAP, Daniel [US/US]; 1824 Sweet Briar
Place, Thousand Oaks, CA 90403 (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 OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01Q 3/30, 1/24

(11) WO 03/043127 (13) A2

(21) PCT/GB02/04930

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 0127355.6 14 Nov/nov 2001 GB
(14.11.2001)(30) 0224341.8 19 Oct/oct 2002 GB
(19.10.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ANTENNA SYSTEM

- SYSTEME D'ANTENNE

(71) QINETIQ LIMITED [GB/GB]; 85 Buck-
ingham Gate, London SW1E 6PD (GB).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) THOMAS, Louis, David [GB/GB];
c/o QinetiQ Malvern, St Andrew's Road,

Malvern, Worcestershire WR14 3PS (GB).
HASKELL, Philip, Edward [GB/GB];
c/o QinetiQ Malvern, St Andrew's Road,
Malvern, Worcestershire WR14 3PS (GB).
HARDING, Clive, Richard [GB/GB];
c/o QinetiQ Malvern, St Andrew's Road,
Malvern, Worcestershire WR14 3PS (GB).

(74) **CARPENTER, David** 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 TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q 19/00

(11) WO 03/043128 (13) A1

(21) PCT/KR02/00674

(22) 12 Apr/avr 2002 (12.04.2002)

(25) en (26) en

(30) 2001/0071506 16 Nov/nov 2001 KR
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • WIRELESS COMMUNICATIONS AN-
TENNA ASSEMBLY GENERATING
MINIMAL BACK LOBE RADIO FRE-
QUENCY (RF) PATTERNS

• ENSEMBLE ANTENNE DE RADIO-
COMMUNICATION GENERANT DES
CONFIGURATIONS MINIMALES RADIO
FREQUENCE DU LOBE ARRIERE

(71) **LG ELECTRONICS INC.** [KR/KR];
20, Yoido-Dong, Yongdungpo-Ku, Seoul
150-010 (KR). **LG TELECOM, LTD.**
[KR/KR]; 679, Yoksam-Dong, Gangnam-Ku,
Seoul 135-080 (KR).

(72) **LEE, Hyo-Jin**; 270-85 SooYu 2-Dong,
Gangbuk-Gu, Seoul 142-072 (KR). **KIM,
Myung-Duk**; 96-15 Wa-Dong, Ansan,
Gyeonggi-Do 425-030 (KR).

(74) **PARK, Jang-Won**; Jewoo Bldg. 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 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 OM PH PL PT RO RU SD SE
SG SI SK SL TJ TM TN TR TT TZ UA UG
UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY CZ DE DK ES
FI FR GB GR IE IT LU 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 03/043129 (13) A1

(21) PCT/KR01/01939

(22) 14 Nov/nov 2001 (14.11.2001)

(25) ko (26) en

(30) 2001/61515 5 Oct/oct 2001 KR
(05.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CALIBRATION APPARATUS FOR
SMART ANTENNA AND METHOD
THEREOF

• APPAREIL D'ETALONNAGE POUR
ANTENNE INTELLIGENTE ET PRO-
CEDE ASSOCIE

(71) **HANTEL CO., LTD.** [KR/KR]; Youjin
Bldg. 2F, 518-8, Dogok-dong, Gangnam-gu,
135-854 Seoul (KR).

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les États désignés sauf US)

(72, 75) **CHOI, Seung-Won** [KR/KR]; #603
Byucksan Apt., 7/8 20, Ssangmun 2-dong,
Dobong-gu, 132-030 Seoul (KR).

(74) **SHINSUNG PATENT FIRM**; Haecheon
Bldg., 741-40, Yeoksam 1-dong, Kang-
nam-ku, 135-924 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 TN TR TT TZ UA UG
UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU 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 21/28, 13/08, 7/00

(11) WO 03/043130 (13) A1

(21) PCT/JP02/11209

(22) 29 Oct/oct 2002 (29.10.2002)

(25) ja (26) ja

(30) 2001-352074 16 Nov/nov 2001 JP
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • COMPOSITE ANTENNA

• ANTENNE COMPOSITE

(71) **NIPPON ANTENA KABUSHIKI
KAISHA** [JP/JP]; 49-8, Nishiogu 7-chome,
Arakawa-ku, Tokyo 116-0011 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **INOUE, Jinichi** [JP/JP]; c/o Nippon An-
tena Kabushiki Kaisha Warabi-koujyo, 7-4,
kitamachi 4-chome, Warabi-shi, Saitama 335-
0001 (JP).

(74) **ASAMI, Yasuo**; Yukon Tokkyo Jimusho,
Shinkawa-Ohara BLDG.6F, 27-8, Shinkawa
1-chome, Chuo-ku, Tokyo 104-0033 (JP).

(81) KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H01R

(11) WO 03/043131 (13) A2

(21) PCT/US02/35915

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 10/035,534 9 Nov/nov 2001 US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DUAL PITCH LOCKING CONNECTOR
• CONNECTEUR A VERROUILLAGE A
DOUBLE PAS

(71) **THERMAL DYNAMICS CORPORA-
TION** [US/US]; Industrial Park #2, West
Lebanon, NH 03784 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **CONWAY, Christopher, J.** [US/US];
Box 683 Kearsarge Vally Road, Wilmot, NH
03287 (US).

(74) **BURRIS, Kelly, K.** et al. / etc.; Harness,
Dickey & Pierce, P.L.C., 7700 Bonhomme
Avenue, Suite 400, St. Louis, MO 63105
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01R 4/30

(11) WO 03/043132 (13) A1

(21) PCT/EP02/12727

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) MI2001A002383 12 Nov/nov 2001 IT
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • GUIDE AND RETENTION DEVICE OF
SCREWS FOR CONNECTING TERMI-
NALS FOR FITTINGS OF ELECTRIC
APPARATUS

• DISPOSITIF DE GUIDAGE ET DE RE-
TENTION DE VIS DE BORNES DE
CONNEXION DESTINEES A ETRE
FIXEES SUR UN APPAREIL ELEC-
TRIQUE

(71) **GE POWER CONTROLS ITALIA SPA**
[IT/IT]; Via Tortona 27, I-20144 Milano (IT).
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les États désignés sauf US)

(72, 75) **GHISONI, Franco** [IT/IT]; Via Pietro
Nenni 1, I-20060 Colturano (MI) (IT).

(74) **MICHELOTTI, Giuliano** et al. / etc.;
Dragotti & Associati SRL, Galleria San Ba-
bila, 4/C, I-20122 Milano (IT).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H01R 13/00, G01R 1/04

(11) WO 03/043133 (13) A1

(21) PCT/US02/34098

(22) 24 Oct/oct 2002 (24.10.2002)

- (25) en (26) en TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (30) 09/990,904 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ELECTRIC POWER WATTHOUR METER WITH COVER HANDLES
• WATTHEUREMETRE DE PUISSANCE ELECTRIQUE POURVU DE POIGNEES DE COUVERCLE
- (71) EKSTROM INDUSTRIES, INC. [US/US]; 23847 Industrial Park Drive, Farmington Hills, MI 48335 (US).
- (72) ROBINSON, Darrell; 2830 Vero Drive, Highland, MI 48358 (US).
- (74) HANLON, William, M., Jr.; Young & Basile, PC, Suite 624, 3001 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01R 13/447
- (11) WO 03/043135 (13) A1
- (21) PCT/KR02/02045
- (22) 2 Nov/nov 2002 (02.11.2002)
- (25) ko (26) en
- (30) 2001/34695 U 12 Nov/nov 2001 KR (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A SAFETY OUTLET AND PLUG
• PRISE FEMELLE DE SECURITE ET PRISE MALE
- (71, 72) KIM, Koum-Hwuan [KR/KR]; 436 Byeongchon-ri, Seongdong-Myeon, Nonsan-si., Chungcheongnam-do 320-941 (KR).
- (74) PARK, Tae-Woo; 3rd Fl., 1576-1 Woosandong, Gwangsan-gu, Gwangju-City 506-813 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01R 13/40
- (11) WO 03/043134 (13) A2
- (21) PCT/US02/35916
- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) en (26) en
- (30) 10/014,384 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • TAMPER RESISTANT PIN CONNECTION
• CONNEXION DE BROCHE INVIO-LABLE
- (71) THERMAL DYNAMICS CORPORATION [US/US]; Industrial Park #2, West Lebanon, NH 03784 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CONWAY, Christopher, J. [US/US]; Box 683 Kearsarge Vally Road, Wilmot, NH 03287 (US). ROGERS, Fred [US/US]; P.O. Box 70, Enfield Center, NH 03749 (US). MACKENZIE, Darrin, H. [US/US]; 1498 Marton Road, Windsor, VT 05089 (US). DEMERS, Douglass, A. [US/US]; 188 Stocker Pond Road, Grantham, NH 03753 (US).
- (74) BURRIS, Kelly, K. et al. / etc.; Harness, Dickey & Pierce, P.L.C., 7700 Bonhomme Avenue, Suite 400, St. Louis MO 63105 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR
- (ES). GIMENO, Jose, Vicente [ES/ES]; C/Doctor Fleming N/51-2a, 46250 L'Alcudia (ES).
- (74) JAY, Anthony, William; Tyco Electronics UK Ltd, European Patent Department, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (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 TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ H01R 13/646
- (11) WO 03/043137 (13) A1
- (21) PCT/US02/31474
- (22) 2 Oct/oct 2002 (02.10.2002)
- (25) en (26) en
- (30) 10/045,772 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • COAXIAL CONNECTOR SWIVEL INTERFACE
• INTERFACE A PIVOTEMENT DE CONNECTEUR COAXIAL
- (71) CORNING GILBERT INC. [US/US]; 5310 W. Camelback Road, Glendale, AZ 85301 (US).
- (72) KOOIMAN, John, A.; 7739 W. Eugie Avenue, Peoria, AZ 85381 (US).
- (74) HOMA, Joseph, M.; Patent Department, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ H01R 13/648
- (11) WO 03/043138 (13) A1
- (21) PCT/US02/36488
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (30) 09/990,794 14 Nov/nov 2001 US (14.11.2001)
- (30) 10/155,786 24 May/mai 2002 US (24.05.2002)
- (30) Not furnished / non communiqué 14 Nov/nov 2002 US (14.11.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CROSS TALK REDUCTION FOR ELECTRICAL CONNECTORS
- (71) MONDRAGON TELECOMMUNICATIONS, S.L. [ES/ES]; Poligono industrial Mediterraneo, C/ la Fila, parcela 1, 46550 Albuixech-Valencia (ES).
(for all designated States except / pour tous les États désignés sauf MG US)
- (71) TYCO ELECTRONICS UK LTD [GB/GB]; Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
(only for / seulement pour MG)
- (72, 75) ARIAS, Juan, Tomas [ES/ES]; Calle Valencia no. 51, Alcobendas, 28100 Madrid

- REDUCTION D'INTERFERENCES ENTRE DES CONNECTEURS ELECTRIQUES
- (63) US 09/990,794 (CIP)
Not furnished / non communiquée
- US 10/155,786 (CIP)
Not furnished / non communiquée
- (71) FCI AMERICAS TECHNOLOGY, INC. [US/US]; One East First Street, Reno, NV 89501 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WININGS, Clifford, L. [US/US]; 116 Mountain View Drive, Eters, PA 17319 (US). SHUEY, Joseph, B. [US/US]; 3425 Logan Street, Camp Hill, PA 17011 (US). SERCU, Stefaan [BE/NL]; Voorstraat 90, NL-5334 JW Velddriel (NL). SMITH, Stephen, B. [US/US]; 2193 Hastings Drive, Mechanicsburg, PA 17055 (US). LEMKE, Timothy, A. [US/US]; 130 Spring Drive Road, Dillsburg, PA 17019 (US). HULL, Gregory, S. [US/US]; 277 Old Field Drive, York, PA 17404 (US). HOUTZ, Timothy, W. [US/US]; 1905 Valley Green Road, Eters, PA 17319 (US).
- (74) DONOHUE, John, P., Jr. et al. / etc.; Woodcok Washburn LLP, 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 CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ H01R 13/73
- (11) WO 03/043139 (13) A2
- (21) PCT/US02/35791
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 10/008,738 9 Nov/nov 2001 US (09.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ELECTRICAL BOX WITH RECESSED FACEPLATE
• COFFRET ELECTRIQUE A PLAQUE FRONTALE EVIDEE
- (63) US 10/008,738 (CIP)
9 Nov/nov 2001 (09.11.2001)
- (71, 72) GATES, Clark, H., II [US/US]; P. O. Box 1029, Parowan, UT 84761 (US).
- (74) FEHR, Thompson, E.; Fehr Law Firm, Suite 300, Goldenwest Corporate Center, 5025 Adams Avenue, Ogden, UT 84403 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

- HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)⁷ H01R 24/00
- (11) WO 03/043140 (13) A1
- (21) PCT/GB02/05047
- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) en (26) en
- (30) 200102519 14 Nov/nov 2001 ES (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MULTI-TERMINAL CONNECTOR STRIP
• REGLETTE DE CONNEXION A BORNES MULTIPLES
- (71) MONDRAGON TELECOMMUNICATIONS, S.L. [ES/ES]; la Fila, parcela 1, Pol. Ind. Mediterraneo, E-46550 Albuixech (Valencia) (ES). KUNT ELEKTRONIK SAN & TIC A.S. [TR/TR]; Organize Snayi Bolgesi Turgut Ozal Cd, No. 216, 34670 Ikitelli, Istanbul (TR).
(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BY BZ CA CH CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GB GD GE GH GM GR HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MK MN MW MX MZ NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW)
- (71) TYCO ELECTRONICS UK LTD [GB/GB]; Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
(only for / seulement pour MG)

- (72, 75) ARIAS, Juan Tomas [ES/ES]; Calle Valencia no. 51, E-28100 Alcobendas, Madrid (ES). GIMENO, Jose Vicente [ES/ES]; Doctor Fleming N51-2a, E-46250 L'Alcudia (Valencia) (ES).
- (74) JAY, Anthony, William; Tyco Electronics UK Ltd, European Patent Department, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ H01R 33/22, H05B 37/03
- (11) WO 03/043141 (13) A1
- (21) PCT/EP02/12702
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) de (26) de
- (30) 101 55 926.7 14 Nov/nov 2001 DE (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ILLUMINATING APPARATUS COMPRISING A DEVICE FOR PROTECTION AGAINST ELECTRIC DISCHARGES AND METHOD FOR PROTECTION AGAINST ELECTRIC DISCHARGES IN LIGHTED LAMPS
• APPAREIL D'ECLAIRAGE COMPORTANT UN DISPOSITIF DE PROTECTION CONTRE LES DECHARGES ELECTRIQUES ET PROCEDE POUR ASSURER UNE PROTECTION CONTRE LES DECHARGES ELECTRIQUES DANS DES LAMPES ALLUMEEES
- (71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG [DE/DE]; Leonrodstrasse 54, 80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ÖZGÜC, Rasit [TR/DE]; Lohbergstrasse 163, 46537 Dinslaken (DE). SEIFERT, Ulrich [DE/DE]; Dahler Höhe 18, 45239 Essen (DE). HEIL, Volker [DE/DE]; Sprockstrasse 38a, 46145 Oberhausen (DE). GERIGK, Werner [DE/DE]; Oranienstrasse 87, 46147 Oberhausen (DE).
- (74) PFENNING, MEINIG & PARTNER GBR; Mozartstrasse 17, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H01R 39/59
- (11) WO 03/043142 (13) A1
- (21) PCT/EP02/12688
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) de (26) de
- (30) 101 55 991.7 15 Nov/nov 2001 DE (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CARBON BRUSH
• BALAI DE CHARBON
- (71) SCHUNK KOHLENSTOFFTECHNIK GMBH [DE/DE]; Rodheimer Strasse 59, 35452 Heuchelheim (DE).
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(72, 75) **SCHAUT, Diethard** [DE/IT]; Schunk Italia S.r.L., Via Murri 22 - 28, I-20013 Magenta (IT).

(74) **STOFFREGEN, Hans-Herbert**; Friedrich-Ebert-Anlage 11b, Postfach 21 44, 63411 Hanau (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01S

(11) WO 03/043143 (13) A2

(21) PCT/US02/29615

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 10/037,458 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • TUNABLE LASER DEVICE FOR AVOIDING OPTICAL MODE HOPS

• DISPOSITIF LASER ACCORDABLE PERMETTANT D'ÉVITER DES SAUTS DE MODE OPTIQUE

(71) **CORNING LASERTRON INCORPORATED** [US/US]; 11 Oak Park, Bedford, MA 01730 (US).

(72) **LU, Hanh**; 19 Woodlea Road, North Andover, MA 01845 (US). **SAHARA, Richard T.**; 183 Mt. Auburn Street, No. 36, Watertown, MA 02472 (US). **SALVATORE, Randal A.**; 1306 Trapelo Road, Waltham, MA 02451 (US).

(74) **AGON, Juliana**; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H01S

(11) WO 03/043144 (13) A2

(21) PCT/US02/36447

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/332,666 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DIODE-PUMPED SOLID-STATE THIN SLAB LASER

• LASER SOLIDE A PLAQUE MINCE A POMPE PAR DIODE

(71) **SPECTRA PHYSICS, INC.** [US/US]; 1335 Terra Bella Avenue, Mountain View, CA 94043 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HODGSON, Norman** [GB/US]; 2419 Dekoven Avenue, Belmont, CA 94002 (US).

HOFFMAN, Hanna, J. [US/US]; 1049 Metro Circle, Palo Alto, CA 94303 (US).

JORDAN, Wilhelm, A. [RU/US]; 380 Bluefish Court, Foster City, CA 94404 (US).

(74) **CHOW, Y., Ping**; Heller, Eherman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01S 3/042

(11) WO 03/043145 (13) A1

(21) PCT/US02/36333

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 60/350,630 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MULTI-JET IMPINGEMENT COOLED SLAB LASER PUMPHEAD AND METHOD

• TÊTE DE POMPAGE POUR LASER EN PLAQUES REFROIDI AU MOYEN D'UN FLUIDE PROJETÉ PAR BUSES MULTIPLES, ET PROCÉDE ASSOCIÉ

(71) **RAYTHEON COMPANY** [US/US]; 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US).

(72) **BETIN, Alexander, A.**; 1246 8th Street, Manhattan Beach, CA 90266 (US). **GRIF-FIN, William, S.**; 1207 8th Street, Manhattan Beach, CA 90266 (US).

(74) **RAUFER, Colin, M.**; Raytheon Company, 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US) et al. / etc.

(81) IL.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ H01S 3/08, 5/00

(11) WO 03/043146 (13) A1

(21) PCT/US02/30441

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 10/037,461 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DISTRIBUTED FEEDBACK LASER FOR ISOLATOR-FREE OPERATION

• LASER A RETROACTION REPARTIE FONCTIONNANT SANS ISOLATEUR

(71) **CORNING LASERTRON INCORPORATED** [US/US]; 11 Oak Park, Bedford, MA 01730 (US).

(72) **SAHARA, Richard, T.**; 183 Mt. Auburn Street, No. 36, Watertown, MA 02472 (US).

HOHL-ABICHEID, Angela; 4 Holly Lane, Beverly, MA 01915 (US). **LU, Hanh**; 19 Woodlea Road, North Andover, MA 01845 (US).

(74) **AGON, Juliana**; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ H01S 3/098

(11) WO 03/043147 (13) A1

(21) PCT/US02/36846

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 60/332,371 15 Nov/nov 2001 US (15.11.2001)

(30) 10/116,799 5 Apr/avr 2002 US (05.04.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INJECTION-SEEDING OF A MULTI-TONE PHOTONIC OSCILLATOR

• INJECTION D'UN OSCILLATEUR PHOTONIQUE MULTIMODE

(63) US 10/116,799 (CON) 5 Apr/avr 2002 (05.04.2002)

(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) **SAYYAH, Keyvan** [US/US]; 1133 24th Street #12, Santa Monica, CA 90403 (US). **YAP, Daniel** [US/US]; 1824 Sweet Briar Place, Thousand Oaks, CA 91362 (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 OM PH PL PT RO

- RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01S 5/026
- (11) WO 03/043148 (13) A2
- (21) PCT/FR02/03927
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) fr (26) fr
- (30) 01/14760 15 Nov/nov 2001 FR (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MULTIPLE-SECTION ELECTRO-OPTICAL MONOLITHIC COMPONENT
- COMPOSANT MONOLITHIQUE ELECTRO-OPTIQUE MULTISECTIONS
- (71) ALCATEL [FR/FR]; 54, rue La Boétie, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MALLECOT, Franck [FR/FR]; 35, rue des Carves, F-92120 Montrouge (FR). CHAUMONT, Christine [FR/FR]; 1, rue Edouard Vaillant, F-94800 Villejuif (FR). JACQUET, Joël [FR/FR]; 33, rue de Hurepoix, F-91470 Limours (FR). LEROY, Arnaud [FR/FR]; 23-25, rue Dareau, F-75014 Paris (FR). PLAIS, Antonina [FR/FR]; 17, rue des Fêtes, F-75019 Paris (FR). HARARI, Joe [FR/FR]; 15, Résidence Champ de Perrière, F-59990 Sebourg (FR). DECOSTER, Didier [FR/FR]; 8, rue des Platanes, Résidence Vert Bois, F-59115 Leers (FR).
- (74) LE FLOCH, Claire et al. / etc.; Compagnie Financière Alcatel, DPI, 30, avenue Kléber, F-75116 Paris (FR).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ H01S 5/14, 3/067
- (11) WO 03/043149 (13) A1
- (21) PCT/CA02/01751
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) 60/331,413 15 Nov/nov 2001 US (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ELECTRONICALLY TUNABLE LASER USING WAVELENGTH SELECTIVE REFLECTORS
- LASER REGLABLE DE MANIERE ELECTRONIQUE A L'AIDE DE REFLECTEURS A SELECTION DE LONGUEUR D'ONDE
- (71) UNIVERSITÉ LAVAL [CA/CA]; Université Laval, Québec, Québec G1K 7P4 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DUGUAY, Michel, A. [CA/CA]; 738 Alfred-Rouleau, Ste-Foy, Québec G1X 4P2 (CA). LAROCHELLE, Sophie [CA/CA]; 1124 Elisabeth-Becker, Cap-Rouge, Québec G1Y 3L7 (CA). GRONDIN, Étienne [CA/CA]; 4075 Blain, Québec, Québec G2B 5C6 (CA). DELTEL, Geoffroy [FR/CA]; 675 Calixa-Lavallée, app. 10, Québec, Québec G1S 3G7 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01S 5/323, C30B 29/38
- (11) WO 03/043150 (13) A1
- (21) PCT/IB02/04441
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) ja (26) ja
- (30) P.350375 26 Oct/oct 2001 PL (26.10.2001)
- (30) P.354739 26 Jun/juin 2002 PL (26.06.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • LIGHT EMITTING ELEMENT STRUCTURE USING NITRIDE BULK SINGLE CRYSTAL LAYER
- STRUCTURE D'ELEMENT ELECTROLUMINESCENT A COUCHE MONOCRYSTALLINE NON EPITAXIEE DE NITRURE
- (71) AMMONO SP.ZO.O. [PL/PL]; Czerwonego Krzyza 2/31, PL-00-377 Warsaw (PL). NICHIA CORPORATION [JP/JP]; 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima 774-8601 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DWILINSKI, Robert [PL/PL]; U1. Zgrupowania Zmija 23/12, PL-01-875 Warsaw (PL). DORADZINSKI, Roman [PL/PL]; U1. Belgradzka 4/115, PL-02-793 Warsaw (PL). GARCZYNSKI, Jerzy [PL/PL]; U1. Baczynskiego 20/7, PL-05-092 Lomianki (PL). SIERZPUTOWSKI, Leszek [PL/US]; 304, Huntington Road, Union, NJ 07083-7944 (US). KANBARA, Yasuo [JP/JP]; c/o NICHIA CORPORATION, 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima 774-8601 (JP).
- (74) ISHII, Hisao 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01S 5/343
- (11) WO 03/043151 (13) A1
- (21) PCT/JP02/11823
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) ja (26) ja
- (30) 2001-350030 15 Nov/nov 2001 JP (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SEMICONDUCTOR LASER DEVICE AND OPTICAL DISC DRIVE
- DISPOSITIF LASER A SEMI-CONDUCTEURS ET DISPOSITIF D'ENTRAÎNEMENT DE DISQUE OPTIQUE
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUJISHIRO, Yoshie [JP/JP]; Yayoi-ryo, 2613-1, Ichinomoto-cho, Tenri-shi, Nara 632-0004 (JP). OHBAYASHI, Ken [JP/JP]; 204, Estate-pier-sachi, 81-1, Nishiando, Ando-cho, Ikoma-gun, Nara 639-1066 (JP). YAMAMOTO, Kei [JP/JP]; Rapouru-tenri, 2613-1, Ichinomoto-cho, Tenri-shi, Nara 632-0004 (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 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01T 13/14, 13/38
- (11) WO 03/043152 (13) A1
- (21) PCT/GB02/05000
- (22) 5 Nov/nov 2002 (05.11.2002)
- (25) en (26) en
- (30) 0127218.6 13 Nov/nov 2001 GB (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SPARK PLUG
- BOUGIE D'ALLUMAGE
- (71) FEDERAL-MOGUL IGNITION (UK) LIMITED [GB/GB]; Arrowbrook Road, Upton, Wirral, Merseyside L49 0UQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BURROWS, John, Anthony** [GB/GB]; 22 Yew Tree Drive, Barnton, Northwich, Cheshire CW8 4NR (GB).

(74) **DRURY, Peter, Lawrence**; T & N Limited, 5 Riverstone, Middlemarch Business Park, Siskin Drive, Coventry CV3 4FJ (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 TN 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H01T 19/00, C01B 13/11

(11) WO 03/043153 (13) A1

(21) PCT/PL02/00088

(22) 18 Nov/nov 2002 (18.11.2002)

(25) en (26) en

(30) P-350715 16 Nov/nov 2001 PL (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • IONIZER
• IONISATEUR

(71, 72) **SOBOLEWSKI, Mirosław** [PL/PL]; ul. Lisia 55/26, 65-093 Zielona Gora (PL). **RADZIWIŁLOWICZ, Władysław** [PL/PL]; ul. Zajezierze 42, 24-300 Opole Lubelskie, woj.Lubin (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 OM PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H02G 1/08

(11) WO 03/043154 (13) A1

(21) PCT/FR02/03774

(22) 5 Nov/nov 2002 (05.11.2002)

(25) fr (26) fr

(30) 01/14768 15 Nov/nov 2001 FR (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • NOVEL FIXING DEVICE FOR ELECTRICAL CONDUCTORS
• NOUVEAU DISPOSITIF D'ATTACHE POUR CONDUCTEURS ÉLECTRIQUES

(71, 72) **DARNE, Pierre** [FR/FR]; 38, Route de Lyon, F-69890 La Tour de Salvagny (FR).

(74) **SARLIN, Laure**; Cabinet Beau de Loménie, 51, Avenue Jean Jaurès, B.P. 7073, F-69301 Lyon (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H02G 15/068, 15/184

(11) WO 03/043155 (13) A1

(21) PCT/GB02/05062

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 0127387.9 15 Nov/nov 2001 GB (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ELECTRICAL STRESS CONTROL ARTICLE
• ARTICLE DE REGULATION DE CONTRAINTE ELECTRIQUE

(71) **TYCO ELECTRONICS UK LIMITED** [GB/GB]; Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PEARCE, David, Francis** [GB/GB]; 39 Sheridan Drive, Wootton Bassett, Swindon, Wiltshire SN4 8JJ (GB). **LEWINGTON, Sean, Michael** [GB/GB]; 9 Totterdown Close, Covingham, Swindon, Wiltshire SN3 5DJ (GB). **STOKER, John, David** [GB/GB]; Tanglewood, Northbrook, Market Lavington, Devizes, Wiltshire SN10 4AS (GB). **BROOMHAM, James, Richard** [GB/GB]; 2 The Square, Honeystreet, Nr Pewsey, Wiltshire SN9 5PT (GB). **SCURR, David, James** [GB/GB]; 88 Fairholme Road, Withington, Manchester, Lancashire M20 4SB (GB).

(74) **JAY, Anthony, William**; Tyco Electronics UK Limited, European Patent Department, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H02H 3/05, H01H 73/00

(11) WO 03/043156 (13) A1

(21) PCT/FR02/03729

(22) 30 Oct/oct 2002 (30.10.2002)

(25) fr (26) fr

(30) 01/14879 16 Nov/nov 2001 FR (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CONTROL AND PROTECTION MODULE OF AN INTERRUPTER APPARATUS
• MODULE DE COMMANDE ET DE PROTECTION D'UN APPAREIL INTERRUPTEUR

(71) **SCHNEIDER ELECTRIC INDUSTRIES SAS** [FR/FR]; 89, boulevard Franklin Roosevelt, F-92500 Rueil-Malmaison (FR).

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(72, 75) **CUNY, Jean-Christophe** [FR/FR]; 39, avenue Gabriel-Peri, F-92500 Rueil-Malmaison (FR). **GUIBERT, Philippe** [FR/FR]; 5, avenue Claude Monet, F-78400 Chatou (FR). **BAURAND, Gilles** [FR/FR]; 72, rue Corneille, F-78360 Montesson La Borde (FR).

(74) **CARIAS, Alain**; c/o Schneider Electric Industries SAS, 89, boulevard Franklin Roosevelt, BP 50602, F-92506 Rueil-Malmaison 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02H 3/05

(11) WO 03/043157 (13) A1

(21) PCT/US02/36264

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/331,228 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND SYSTEM FOR COMPUTER BASED TESTING USING PLUGINS TO EXPAND FUNCTIONALITY OF A TEST DRIVER

- PROCEDE ET SYSTEME DE TEST INFORMATIQUE AU MOYEN DE PLUGIERS EN VUE D'ETENDRE LES FONCTIONNALITES D'UN GESTIONNAIRE DE TEST
- (71) **PROMETRIC, INC.** [US/US]; 1000 Lancaster Street, Baltimore, MD 21202 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOWERS, Clarke, D.** [US/US]; 1000 Lancaster Street, Baltimore, MD 21202 (US).
- (74) **DONNER, Irah, H. et al. / etc.;** Hale and Dorr LLP, 1455 Pennsylvania Avenue, N.W., Washington, DC 20004 (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 TN TR TT TZ UA UG US VZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
-
- (51)⁷ **H02H 3/16**
- (11) **WO 03/043158** (13) A1
- (21) PCT/AU02/01547
- (22) **12 Nov/nov 2002 (12.11.2002)**
- (25) en (26) en
- (30) 89376/01 **12 Nov/nov 2001 AU (12.11.2001)**
- (30) 2002300301 **26 Jul/juil 2002 AU (26.07.2002)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROTECTIVE POWER SUPPLY INTERFACE
• INTERFACE DE SOURCE D'ALIMENTATION PROTECTRICE
- (71) **BASHETI, Majdi, M., M.** [AU/AU]; 6/11-13 Eighth Avenue, Campsie, NSW 2194 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AMMOURI, Moh'd, Ali, S.** [JO/JO]; Tabouk Street, Um Uthayna, Amman (JO).
- (74) **SPRUSON & FERGUSON;** GPO Box 4898, Sydney, NSW 2001 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US VZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **H02J**
- (11) **WO 03/043160** (13) A2
- (21) PCT/US02/36682
- (22) **12 Nov/nov 2002 (12.11.2002)**
- (25) en (26) en
- (30) 60/338,994 **13 Nov/nov 2001 US (13.11.2001)**
- (30) 10/289,523 **6 Nov/nov 2002 US (06.11.2002)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • APPARATUS AND PROCESS FOR GENERATING ENERGY
• APPAREIL ET PROCEDE DE GENERATION D'ENERGIE
- (71, 72) **SPRAIN, Harry, Paul** [US/US]; Suite 3304, 789 Hammond Drive, Atlanta, GA 30328 (US).
- (74) **HODGE, Thomas, A.;** Baker, Donelson, Bearman & Caldwell, Five Concourse Parkway, Suite 900, Atlanta, GA 30328 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US VZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **H02H 3/28, 7/22, H02B 13/065**
- (11) **WO 03/043159** (13) A1
- (21) PCT/FR02/03862
- (22) **12 Nov/nov 2002 (12.11.2002)**
- (25) fr (26) fr
- (30) 01/14601 **12 Nov/nov 2001 FR (12.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR MAKING SECURE A DIFFERENTIAL PROTECTION SYSTEM OF A SET OF BARS IN A GAS INSULATION LINE, AND EMERGENCY PROTECTION SYSTEM USING SAME
• PROCEDE DE SECURISATION D'UN SYSTEME DE PROTECTION DIFFERENTIELLE DE JEU DE BARRES DANS UNE LIGNE A ISOLATION GAZEUSE, ET SYSTEME DE PROTECTION DE SECOURS METTANT EN OEUVRE LE PROCEDE
- (71) **ALSTOM** [FR/FR]; 25, avenue Kléber, F-75116 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MARMONIER, Jean** [FR/FR]; 8, rue Paul Cezanne, F-34130 Saint Aunès (FR).
- (74) **GOSSE, Michel;** c/o Alstom, Legal - I.P., 25, avenue Kléber, 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 TN TR TT TZ UA UG US VZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **H02K 11/00, 7/116, G01L 3/14**
- (11) **WO 03/043162** (13) A1
- (21) PCT/EP02/13492
- (22) **15 Nov/nov 2002 (15.11.2002)**
- (25) en (26) en
- (30) 01/14852 **15 Nov/nov 2001 FR (15.11.2001)**
- (30) 01/14849 **15 Nov/nov 2001 FR (15.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • GEARED MOTOR DRIVE WITH TORQUE SENSING
• ENTRAINEMENT PAR MOTEUR A ENGRENAGES COMPRENANT UN CAPTEUR DE COUPLE
- (71) **ARVINMERITOR LIGHT VEHICLE SYSTEMS - FRANCE** [FR/FR]; 105, route d'Orléans, F-45600 Sully sur Loire (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BREYNAERT, François** [FR/FR]; 15, avenue de Bruxelles, F-14000 Caen (FR). **MIRESCU, Dan** [CA/FR]; 70, rue de Bayeux, F-14000 Caen (FR).
- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US VZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (74) CABINET HIRSCH; Groupement 161, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H02K 21/02, 5/10

(11) WO 03/043163 (13) A1

(21) PCT/EP02/11594

(22) 17 Oct/oct 2002 (17.10.2002)

(25) de (26) de

(30) 101 56 090.7 16 Nov/nov 2001 DE (16.11.2001)

(30) 101 58 734.1 30 Nov/nov 2001 DE (30.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • ELECTRICAL MACHINE WITH A CAVITY FILLED WITH A PROTECTIVE GAS
- MACHINE ELECTRIQUE COMPORTANT UN ESPACE CREUX REMPLI D'UN GAZ PROTECTEUR

(71) LAT SUHL AG [DE/DE]; Mittelbergstrasse 2, 98527 Suhl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LACHENMEIER, Sepp [DE/DE]; Zur Waldesruh 30, 42329 Wuppertal (DE).
QUAST, Volker [DE/DE]; Zur Waldesruh 30, 40699 Erkrath (DE).

(74) ENGEL, Christoph, K.; Engel & Weihrauch, Marktplatz 6, 98527 Suhl (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02K 21/16

(11) WO 03/043164 (13) A1

(21) PCT/JP02/10863

(22) 18 Oct/oct 2002 (18.10.2002)

(25) ja (26) ja

(30) 2001-351967 16 Nov/nov 2001 JP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • DYNAMO-ELECTRIC MACHINE
- MACHINE DYNAMOELECTRIQUE

(71) KABUSHIKI KAISHA YASKAWA DENKI [JP/JP]; 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KONAGA, Ryukichi [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (JP). FUJII, Takao [JP/JP]; c/o YASKAWA TECHNO SUPPORT, INC., 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H02M

(11) WO 03/043165 (13) A2

(21) PCT/US02/36693

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/338,658 13 Nov/nov 2001 US (13.11.2001)

(30) 60/372,621 12 Apr/avr 2002 US (12.04.2002)

(30) 60/406,272 27 Aug/août 2002 US (27.08.2002)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • HALF-BRIDGE ISOLATION STAGE TOPOLOGIES
- TOPOLOGIES D'ETAGES D'ISOLEMENT EN DEMI-PONT

(71) SYNQOR, INC. [US/US]; 188 Central Street, Hudson, MA 01749 (US).

(72) FARRINGTON, Richard; 101 Skyline Circle, Heath, TX 75032 (US). DANCY, Abram, P.; 16 Greenwood Avenue, Shrewsbury, MA 01545 (US). LAWWHITE, Leif, E.; 2 1/2 King Road, Etha, NH 03750 (US). SCHLECHT, Martin, F.; 11 Wilson Road, Lexington, MA 02421 (US).

(74) SMITH, James, M. 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02M 3/335

(11) WO 03/043166 (13) A1

(21) PCT/US02/36378

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 10/011,819 12 Nov/nov 2001 US (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • LEADING EDGE MODULATOR FOR POST REGULATION OF MULTIPLE OUTPUT VOLTAGE POWER SUPPLIES
- MODULATEUR DE FLANC AVANT POUR POST-REGULATION D'ALIMENTATIONS ELECTRIQUES A MULTIPLES TENSIONS DE SORTIE

(71) POWER-ONE, INC. [US/US]; 740 Calle Plano, Camarillo, CA 93012 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PATEL, Amrit, P. [IN/US]; 5377 Holly Ridge Drive, Camarillo, CA 93012 (US).

(74) BERLINER, Brian, M.; O'MELVENY & MEYERS LLP, 400 South Hope Street, Los Angeles, CA 90071-2899 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H02M 5/45, 1/08, H02P 5/00 // B66B 5/02

(11) WO 03/043167 (13) A1

(21) PCT/FI02/00898

(22) 13 Nov/nov 2002 (13.11.2002)

(25) fi (26) en

(30) 20012210 14 Nov/nov 2001 FI (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • ELECTRIC MOTOR DRIVE
- ENTRAINEMENT DE MOTEUR ELECTRIQUE

(71) KONE CORPORATION [FI/FI]; Kartanontie 1, FIN-00330 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JAHKONEN, Pekka [FI/FI]; Marjämäenkatu 18, FIN-05820 Hyvinkää (FI).

(74) KONE CORPORATION; Patent Department, P.O. Box 677, FIN-05801 Hyvinkää (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H02M 7/00

(11) WO 03/043168 (13) A2

(21) PCT/FR02/03925

(22) 15 Nov/nov 2002 (15.11.2002)

(25) fr (26) fr

(30) 01/14859 16 Nov/nov 2001 FR
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DISTRIBUTED ARCHITECTURE CONTROL SYSTEM FOR STATIC POWER INVERTERS

• SYSTEME DE COMMANDE A ARCHITECTURE DISTRIBUEE POUR CONVERTISSEURS STATIQUES DE PUISSANCE

(71) ALSTOM [FR/FR]; 25, avenue Kléber, F-75116 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THOMAS, Jean-Luc [FR/FR]; 15ter, Boulevard Magenta, F-77300 Fontainebleau (FR). LAVIEVILLE, Jean-Paul [FR/FR]; 4, rue du Moulin, F-78470 Saint Lambert des Bois (FR). BAUDESSON, Philippe [FR/FR]; 76, rue du 8 mai 1945, F-91300 Massy (FR).

(74) GOSSE, Michel; Alstom, Legal - I.P., 25, avenue Kléber, F-75016 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02M 7/00, H02J 7/00

(11) WO 03/043169 (13) A1

(21) PCT/US02/28477

(22) 5 Sep/sep 2002 (05.09.2002)

(25) en (26) en

(30) 10/007,319 9 Nov/nov 2001 US
(09.11.2001)

(30) 10/160,285 31 May/mai 2002 US
(31.05.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DUAL ISOLATED POWER SUPPLY INPUTS

• DOUBLES ENTRES D'ALIMENTATION ISOLEES

(71) I-BUS/PHOENIX, INCORPORATED [US/US]; 8888 Balboa Avenue, San Diego, CA 92123 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THRAP, Guy, C. [US/US]; 13349 Portofino Drive, Del Mar, CA 92014 (US).

(74) SAMPLES, Kenneth, H. et al. / etc.; FITCH, EVEN, TABIN & FLANNERY, 120 South LaSalle Street, Suite 1600, Chicago, IL 60603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H02M 7/155, H02J 7/00

(11) WO 03/043170 (13) A2

(21) PCT/IT02/00653

(22) 14 Oct/oct 2002 (14.10.2002)

(25) en (26) en

(30) VA2001A000041 16 Nov/nov 2001 IT
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM FOR STORING AND/OR TRANSFORMING ENERGY FROM SOURCES AT VARIABLE VOLTAGE AND FREQUENCY

• SYSTEME DE STOCKAGE ET/OU DE TRANSFORMATION D'ENERGIE PROVENANT DE SOURCES DE TENSION ET DE FREQUENCE VARIABLES

(71) SQUIRREL HOLDINGS LTD. [—/—]; The Bank of Nova Scotia Building, P.O. Box 268, George Town, Grand Cayman (KY).
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(72, 75) SPAZIANTE, Placido, Maria [TH/TH]; 83/16 Soi, 1, Wireless Road, Bangkok

10330 (TH). KAMPANATSANYAKORN, Krisada [TH/TH]; 113 Moo, 4 Toong Song Hong, Don Muang District, Bangkok (TH). ZOCCHI, Andrea [IT/IT]; Erta Canina, 45, I-50125 Firenze (IT).

(74) PELLEGRINI, Alberto et al. / etc.; Società Italiana Brevetti S.p.A., Piazza Repubblica, 5, I-21100 Varese (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02M 7/217

(11) WO 03/043171 (13) A1

(21) PCT/US02/36162

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 10/010,824 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • POWER SUPPLY SYSTEM FOR A CONTROL DEVICE

• SYSTEME D'ALIMENTATION EN COURANT POUR DISPOSITIF DE COMMANDE

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) ATHERTON, Larry, S.; 1519-144th Avenue NE, Ham Lake, MN 55304 (US).

(74) CRISS, Roger, H. et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02P 1/46, 5/28, 7/36

(11) WO 03/043172 (13) A1

(21) PCT/US02/36382

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 60/337,506 12 Nov/nov 2001 US
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • ROTOR ANGLE ESTIMATION FOR PERMANENT MAGNET SYNCHRONOUS MOTOR DRIVE
• ESTIMATION D'ANGLE DE ROTOR D'UN ENTRAÎNEMENT DE MOTEUR SYNCHRONISE A AIMANT PERMANENT
- (71) INTERNATIONAL RECTIFIER CORPORATION [US/US]; 233 Kansas Street, El Segundo, CA 90245 (US).
- (72) HO, Eddy, Ying, Yin; 23939 Ocean Avenue # 233, Torrance, CA 90505 (US).
- (74) FINDER, James, A. et al. / etc.; Ostrolenk, Faber, Gerb & Soffen, LLP, 1180 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 TN TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ H02P 6/16, 6/18, 6/08
- (11) WO 03/043173 (13) A2
- (21) PCT/JP02/10645
- (22) 15 Oct/oct 2002 (15.10.2002)
- (25) en (26) en
- (30) 2001-351452 16 Nov/nov 2001 JP (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MOTOR CONTROLLER
• COMMANDE DE MOTEUR
- (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) MATSUURA, Sadahiro [JP/JP]; 3-5-A708, Higashioda, Ibaraki-shi, Osaka 567-0012 (JP). KATO, Yasushi [JP/JP]; 6-10-8, Hikaridai, Seika-cho, Soraku-gun, Kyoto 619-0237 (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 US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ H02P 9/48 // 7/05, 5/05
- (11) WO 03/043174 (13) A1
- (21) PCT/SE02/02063
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 0103800-9 12 Nov/nov 2001 SE (12.11.2001)
- (30) 0200203-8 22 Jan/jan 2002 SE (22.01.2002)
- (30) 0200941-3 24 Mar/mar 2002 SE (24.03.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A SWITCH REGULATED RECTIFIER GENERATOR SYSTEM
• SYSTEME DE GENERATEUR A REDRESSEUR COMMANDE PAR COMMUTATEUR
- (71) STRIDSBERG INNOVATION AB [SE/SE]; Folkungagatan 56, 6 tr, S-116 22 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STRIDSBERG, Lennart [SE/SE]; Folkungagatan 56, 6 tr, S-116 22 STOCKHOLM (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H03B 5/24, H03J 3/20, H03H 7/01, H01P 1/00
- (11) WO 03/043175 (13) A1
- (21) PCT/US02/36823
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (30) 10/004,521 14 Nov/nov 2001 US (14.11.2001)
- (30) 10/101,560 18 Mar/mar 2002 US (18.03.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • LOW NOISE OSCILLATOR
• OSCILLATEUR A FAIBLE BRUIT
- (71) BERKANA WIRELESS INC. [US/US]; 2005 Hamilton Avenue, Suite 200, San Jose, CA 95125 (US).
- (72) KIM, Beomsup; 811 Candlewood Drive, Cupertino, CA 95125 (US).
- (74) VAN PELT, Lee; Van Pelt & Yi LLP, 4906 El Camino Real, Suite 250, Los Altos, CA 94022 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H03B 27/00, 5/08, 5/18
- (11) WO 03/043176 (13) A1
- (21) PCT/US02/36744
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (30) 10/003,729 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • VOLTAGE CONTROLLED OSCILLATOR
• OSCILLATEUR COMMANDE EN TENSION
- (71) BERKANA WIRELESS INC. [US/US]; 2005 Hamilton Avenue, Suite 200, San Jose, CA 95125 (US).
- (72) KIM, Beomsup; 811 Candlewood Drive, Cupertino, CA 95125n (US).
- (74) VAN PELT, Lee; Van Pelt & Yi LLP, 4906 El Camino Real, Suite 250, Los Altos, CA 94022 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H03B 28/00, H01S 3/067, G02F 2/00
- (11) WO 03/043177 (13) A2
- (21) PCT/US02/36849
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) 60/332,372 15 Nov/nov 2001 US (15.11.2001)
- (30) 10/116,829 5 Apr/avr 2002 US (05.04.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • AGILE SPREAD WAVEFORM GENERATOR AND PHOTONIC OSCILLATOR
• GENERATEUR DE FORME D'ONDE ETALEE ET AGILE ET OSCILLATEUR PHOTONIQUE
- (63) US 10/116,829 (CIP) 5 Apr/avr 2002 (05.04.2002)
- (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) YAP, Daniel [US/US]; 1824 Sweet Briar Place, Thousand Oaks, CA 91362 (US).

- SAYYAH, Keyvan [US/US]; 1133 24th Street #12, Santa Monica, CA 90403 (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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H03B 28/00, H04B 10/12, G02F 2/00
- (11) WO 03/043178 (13) A2
- (21) PCT/US02/36982
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) 60/332,372 15 Nov/nov 2001 US (15.11.2001)
- (30) 10/116,829 5 Apr/avr 2002 US (05.04.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • FREQUENCY AGILE SPREAD WAVEFORM GENERATOR AND METHOD AND PRE-PROCESSOR APPARATUS AND METHOD
- GENERATEUR ET PROCEDE DE FORME D'ONDE A ETALEMENT AGILE DE FREQUENCE ET APPAREIL ET PROCEDE DE PRETRAITEMENT
- (63) US 10/116,829 (CIP) 5 Apr/avr 2002 (05.04.2002)
- (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) YAP, Daniel [US/US]; 1824 Sweet Briar Place, Thousand Oaks, CA 91362 (US).
SAYYAH, Keyvan [US/US]; 1133 24th Street #12, Santa Monica, CA 90403 (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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H03D 7/16, H04L 27/00 // H04B 1/70
- (11) WO 03/043180 (13) A1
- (21) PCT/US02/35877
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 60/337,469 9 Nov/nov 2001 US (09.11.2001)
- (30) 10/112,469 29 Mar/mar 2002 US (29.03.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MULTIPLE ANALOG AND DIGITAL DOWNCONVERSION
- ABAISSEMENT DE FREQUENCE NUMERIQUE ET ANALOGIQUE MULTIPLE
- (71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (72) FERNANDEZ-CORBATON, Ivan Jesus; 1033 Diamond Street, San Diego, CA 92109 (US).
SMEE, John; 5340 Toscana Way, #F406, San Diego, CA 92122 (US).
JAYARAMAN, Srikant; 1254 Pacific Beach Drive, #1, San Diego, CA 92109 (US).
- (74) WADSWORTH, Philip R. et al. / etc.; QUALCOMM Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H03F
- (11) WO 03/043181 (13) A2
- (21) PCT/GB02/04870
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) en (26) en
- (30) 0127457.0 15 Nov/nov 2001 GB (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • AMPLIFIER
- AMPLIFICATEUR
- (71) FILTRONIC PLC [GB/GB]; The Waterfront, Salts Mill Road, Saltaire, Shipley, West Yorkshire BD18 3TT (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RHODES, John, David [GB/GB]; Dabarda, West Winds, Moor Lane, Menston, Ilkley LS29 6QD (GB).
- (74) ALLMAN, Peter, John; Marks & Clerk, Sussex House, 83-85 Mosley Street, Manchester M2 3LG (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H03F 1/26
- (11) WO 03/043182 (13) A1
- (21) PCT/SE02/01955
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 0103745-6 12 Nov/nov 2001 SE (12.11.2001)
- (30) 0202335-6 29 Jul/juil 2002 SE (29.07.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • NON-LINEAR MODELING METHOD
- PROCEDE DE MODELISATION NON LINEAIRE

(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) SAHLMAN, Karl-Gösta [SE/SE]; Karlslundsvägen 46, S-192 71 Sollentuna (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03F 1/26

(11) WO 03/043183 (13) A1

(21) PCT/SE02/01958

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 0103745-6 12 Nov/nov 2001 SE (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DIGITAL LINEARIZATION CIRCUIT
• CIRCUIT DE LINEARISATION NUMERIQUE

(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) SAHLMAN, Karl-Gösta [SE/SE]; Karlslundsvägen 46, S-192 71 Sollentuna (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03F 3/217

(11) WO 03/043184 (13) A1

(21) PCT/US02/32515

(22) 11 Oct/oct 2002 (11.10.2002)

(25) en (26) en

(30) 10/054,144 12 Nov/nov 2001 US (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • TIME DIVISION MULTIPLEXED PWM AMPLIFIER

• AMPLIFICATEUR A MODULATION D'IMPULSIONS EN DUREE A MULTIPLEXAGE A REPARTITION DANS LE TEMPS

(71) APOGEE TECHNOLOGY, INC. [US/US]; 129 Morgan Drive, Norwood, MA 02062 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DANIELSON, Michael, S. [US/US]; 26 Arnold Street, Wrentham, MA 02093 (US).

(74) MICHAELIS, Brian, L. et al. / etc.; Brown Rudnick Berlack Israels LLP, One Financial Center, Boston, MA 02111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03F 3/30

(11) WO 03/043185 (13) A1

(21) PCT/CH02/00541

(22) 30 Sep/sep 2002 (30.09.2002)

(25) fr (26) fr

(30) 2147/01 15 Nov/nov 2001 CH (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • POWER AMPLIFIER
• AMPLIFICATEUR DE PUISSANCE

(71, 72) DELETRAZ, Hervé [CH/CH]; 5, chemin des Halliers, 1234 Vessy (CH).

(74) DIETLIN, Henri; Dietlin & Cie S.A., Case Postale 5714, 72, Bld. Saint-Georges, 1211 Genève 11 (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 VC VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H03G

(11) WO 03/043186 (13) A2

(21) PCT/US02/35711

(22) 6 Nov/nov 2002 (06.11.2002)

(25) en (26) en

(30) 10/010,951 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • AUTOMATIC GAIN CONTROL CIRCUIT WITH MULTIPLE INPUT SIGNALS

• CIRCUIT DE COMMANDE A GAIN AUTOMATIQUE AVEC ENTREES MULTIPLES

(71) NARAD NETWORKS, INC. [US/US]; 515 Groton Road, Westford, MA 01886 (US).

(72) WU, Miao Chen; 36 Lexington Drive, Acton, MA 01720 (US).

(74) MEAGHER, Timothy, 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03G 3/30

(11) WO 03/043187 (13) A1

(21) PCT/JP02/11759

(22) 12 Nov/nov 2002 (12.11.2002)

(25) ja (26) ja

(30) 2001-348018 13 Nov/nov 2001 JP (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • AUTOMATIC GAIN CONTROL CIRCUIT
• CIRCUIT DE COMMANDE DE GAIN AUTOMATIQUE

(71) NIIGATA SEIMITSU CO., LTD. [JP/JP]; 5-13, Nishishinomachi 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, Nishishinomachi 2-chome, Jouetsu-shi, Niigata 943-0834 (JP).

(74) AMAGAI, Masahiko; Amagai Tokkyo Jimusyo, 2nd Floor, Kitashinjuku OC Build., 8-15, Kitashinjuku 1-chome, Shinjuku-ku, Tokyo 169-0074 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H03H 3/04

(11) WO 03/043188 (13) A1

(21) PCT/EP02/11425

(22) 11 Oct/oct 2002 (11.10.2002)

(25) de (26) de

(30) 101 55 927.5 14 Nov/nov 2001 DE (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PASSIVATED BAW RESONATOR AND BAW FILTER

- RESONATEUR BAW ET FILTRE BAW PASSIVES
- (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) AIGNER, Robert [AT/DE]; Einsteinstr. 104/8-13, 81675 München (DE). EHRLER, Guenter [DE/DE]; Albrecht-Dürer-Ring 62, 83607 Holzkirchen (DE). ELBRECHT, Lueder [DE/DE]; Talerweg 7B, 81825 München (DE). MECKES, Andreas [DE/DE]; Niederalstr. 4A, 81735 München (DE). NESSLER, Winfried [AT/DE]; Ulrich-Von-Hutten-Str. 24, 81739 München (DE). NIKLAS, Alfred [DE/DE]; Bajuwarenstr. 21, 85586 Poing (DE). TIMME, Hans-Joerg [DE/DE]; Putzbrunner Str. 90, 85521 Ottobrunn (DE).
- (74) SCHOPPE, Fritz et al. / etc.; SCHOPPE, ZIMMERMANN, STÖCKELER & ZINKLER, POSTFACH 71 08 67, 81458 München (DE).
- (81) JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ H03H 9/24
- (11) WO 03/043189 (13) A2
- (21) PCT/FR02/03902
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) fr (26) fr
- (30) 01/14798 15 Nov/nov 2001 FR (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR GAP ADJUSTMENT OF TWO MECHANICAL ELEMENTS OF A SUBSTANTIALLY PLANAR MICRO-MECHANICAL STRUCTURE AND CORRESPONDING ELECTRO-MECHANICAL RESONATOR
- PROCEDE DE REGLAGE DE L'ECARTEMENT DE DEUX ELEMENTS MECANIQUE D'UNE STRUCTURE MICROMECHANIQUE SENSIBLEMENT PLANE ET RESONATEUR ELECTRO-MECANIQUE CORRESPONDANT
- (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) KAISER, Andreas [DE/FR]; 53, Allée de la Courtine, F-59650 Villeneuve d'Ascq (FR). GALAYKO, Dimitri, Yurievitch [UA/FR]; 11, rue Solférino, F-59800 Lille (FR). COLLARD, Dominique, Jules, Victor [FR/FR]; 1, Avenue de la République, F-59130 Lambersart (FR).
- (74) FRECHEDE, Michel et al. / etc.; Cabinet Lavoix, 2, Place d'Estienne d'Orves, F-75441 Paris Cedex 09 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR
- TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H03H 11/26, G11C 27/02
- (11) WO 03/043190 (13) A1
- (21) PCT/JP02/11760
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) ja (26) ja
- (30) 2001-347281 13 Nov/nov 2001 JP (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ANALOG DELAY CIRCUIT
- CIRCUIT DE RETARD ANALOGIQUE
- (71) NIIGATA SEIMITSU CO., LTD. [JP/JP]; 5-13, Nishishinomachi 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, Nishishinomachi 2-chome, Jouetsu-shi, Niigata 943-0834 (JP).
- (74) AMAGAI, Masahiko; Amagai Tokkyo Jimusyo, 2nd Floor, Kitashinjuku OC Build., 8-15, Kitashinjuku 1-chome, Shinjuku-ku, Tokyo 169-0074 (JP).
- (81) CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- Published / Publiée : (c)
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- (51)⁷ H03K 17/00
- (11) WO 03/043191 (13) A2
- (21) PCT/EP02/11797
- (22) 22 Oct/oct 2002 (22.10.2002)
- (25) de (26) de
- (30) 101 55 526.1 12 Nov/nov 2001 DE (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • LVDS DRIVER FOR SMALL SUPPLY VOLTAGES
- CIRCUIT D'ATTAQUE LVDS POUR BASSES TENSIONS D'ALIMENTATION
- (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) MUELLER, David [DE/DE]; Aidenbachstrasse 127, 81479 München (DE). SANDERS, Anthony [GB/DE]; Hugo Weiss-Strasse 13, 81827 München (DE).
- (74) CHARLES, Glyndwr; Reinhard, Skuhra, Weise & Partner GbR, Friedrichstrasse 31, 80801 München (DE).
- (81) CA CN IN JP KR PL US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- Declaration / Déclaration :
- (u) for / pour US only / seulement
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- (51)⁷ H03K 17/16, 19/003
- (11) WO 03/043192 (13) A1
- (21) PCT/DE02/03943
- (22) 18 Oct/oct 2002 (18.10.2002)
- (25) de (26) de
- (30) 101 55 428.1 12 Nov/nov 2001 DE (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD FOR PREVENTING TRANSIENTS DURING SWITCHING PROCESSES IN INTEGRATED SWITCHING CIRCUITS, AND AN INTEGRATED SWITCHING CIRCUIT
- PROCEDE PERMETTANT D'EVITER L'APPARITION DE TRANSITOIRES LORS DE PROCESSUS DE COMMUTATION DANS DES CIRCUITS DE COMMUTATION INTEGRES, ET CIRCUITS DE COMMUTATION INTEGRES
- (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) BOETZEL, Ulrich [DE/DE]; Gemsenstr. 37, 41564 Kaarst (DE). NEUBAUER, Andre [DE/DE]; Marienstr. 32, 47807 Krefeld (DE). KRANZ, Christian [DE/DE]; Ina-Seidel-Str. 111, 40885 Ratingen Lintorf (DE). POTT, Rüdiger [DE/DE]; Niederfeldstr. 14, 46535 Dinslaken (DE). HAMMES, Markus [DE/DE]; Im Klostergarten 5, 46539 Dinslaken (DE). SCHMANDT, Bernd [DE/DE]; Düsseldorfer Platz 17, 40878 Ratingen (DE). WARMERS, Michael [DE/DE]; In den Gärten 16 A, 41812 Erkelelenz (DE). GERSEMSKY, Frank [DE/DE]; Hattinger Str. 81, 44789 Bochum (DE).
- (74) LANGE, Thomas; Lambsdorff & Lange, Dingolfinger Strasse 6, 81673 München (DE).
- (81) CN JP US.
- (84) EP (DE DK FI FR GB IT SE).
-
- (51)⁷ H03K 23/66
- (11) WO 03/043193 (13) A1
- (21) PCT/IB02/04645
- (22) 5 Nov/nov 2002 (05.11.2002)
- (25) en (26) en
- (30) 60/333,280 16 Nov/nov 2001 US (16.11.2001)
- (30) 10/213,021 6 Aug/août 2002 US (06.08.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • HIGH-SPEED PROGRAMMABLE FREQUENCY-DIVIDER WITH SYNCHRONOUS RELOAD
- DIVISEUR DE FREQUENCE PROGRAMMABLE TRES RAPIDE A RECHARGE SYNCHRONE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) WU, Hongbing; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). GAETHKE, Rainer;

- Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **MAK, Theodorus, N.**; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declaration / Déclaration :
- (t) for the following designation / pour la désignation suivante : CN
-
- (51)⁷ **H03L 7/12, 7/095, H03J 7/20**
- (11) **WO 03/043194** (13) A2
- (21) PCT/US02/35710
- (22) **6 Nov/nov 2002 (06.11.2002)**
- (25) en (26) en
- (30) 10/010,063 **13 Nov/nov 2001 US (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • FREQUENCY ACQUISITION AND LOCKING DETECTION CIRCUIT FOR PHASE LOCK LOOP
- CIRCUIT D'ACQUISITION DE FREQUENCE ET DE DETECTION DE VERROUILLAGE POUR BOUCLE A VERROUILLAGE DE PHASE
- (71) **NARAD NETWORKS, INC.** [US/US]; 515 Groton Road, Westford, MA 01886 (US).
- (72) **WU, Miao Chen**; 36 Lexington Drive, Acton, MA 01720 (US). **ZHANG, Xiangdong**; 52 Russell's Way, Westford, MA 01886 (US). **ALEXANIAN, Angelos**; 20 Grove Street, No 14, Somerville, MA 02144 (US). **YE, Wei**; 23 Russell's Way, Westford, MA 01886 (US).
- (74) **MEAGHER, Timothy, 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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H03L 7/16, H01S 3/23, H04B 10/142**
- (11) **WO 03/043195** (13) A1
- (21) PCT/US02/36983
- (22) **15 Nov/nov 2002 (15.11.2002)**
- (25) en (26) en
- (30) 60/332,372 **15 Nov/nov 2001 US (15.11.2001)**
- (30) 10/116,829 **5 Apr/avr 2002 US (05.04.2002)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • AGILE SPREAD WAVEFORM GENERATOR
- GENERATEUR DE FORME D'ONDE A ETALEMENT AGILE DU SPECTRE
- (63) US 10/116,829 (CON) **5 Apr/avr 2002 (05.04.2002)**
- (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) **YAP, Daniel** [US/US]; 1824 Sweet Briar Place, Thousand Oaks, CA 91362 (US). **SAYYAH, Keyvan** [US/US]; 1133 24th Street, #12, Santa Monica, CA 90403 (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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **H03M 1/82, H03K 7/08**
- (11) **WO 03/043196** (13) A1
- (21) PCT/DE02/03174
- (22) **29 Aug/août 2002 (29.08.2002)**
- (25) de (26) de
- (30) 101 55 426.5 **12 Nov/nov 2001 DE (12.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DIGITAL/ANALOG CONVERTER CIRCUIT WITH A DEVICE FOR COMPENSATING NONLINEAR DISTORTIONS
- CIRCUIT DE CONVERTISSEUR NUMERIQUE/ANALOGIQUE COMPARTANT UN DISPOSITIF DE COMPENSATION DE DISTORSIONS NON LINEAIRES
- (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) **KRANZ, Christian** [DE/DE]; Ina-Seidel-Str. 111, 40885 Ratingen Lintorf (DE).
- (74) **LANGE, Thomas**; Patentanwälte Lambsdorff & Lange, Dingolfinger Strasse 6, 81673 München (DE).
- (81) CN JP US.
- (25) en (26) en
- (63) US 10/116,829 (CON) **5 Apr/avr 2002 (05.04.2002)**
- (71) **H03M 3/00, 1/00**
- (11) **WO 03/043197** (13) A1
- (21) PCT/IB02/04534
- (22) **28 Oct/oct 2002 (28.10.2002)**
- (25) en (26) en
- (30) 01204369.1 **15 Nov/nov 2001 EP (15.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SIGMA-DELTA MODULATION
- MODULATION SIGMA-DELTA
- (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) **REEFMAN, Derk** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **NUIJTEN, Petrus, A., C., M.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H03M 3/00**
- (11) **WO 03/043198** (13) A2
- (21) PCT/SG02/00266
- (22) **13 Nov/nov 2002 (13.11.2002)**
- (25) en (26) en
- (30) 60/331,256 **13 Nov/nov 2001 US (13.11.2001)**
- (30) 10/188,071 **3 Jul/juil 2002 US (03.07.2002)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • BANDPASS SIGMA-DELTA MODULATOR WITH ANTI-RESONANCE CANCELLATION
- MODULATEUR SIGMA-DELTA PASSE-BANDE A ANNULATION D'ANTI-RESONANCE
- (71) **NATIONAL UNIVERSITY OF SINGAPORE** [SG/SG]; 10 Kent Ridge Crescent, Singapore 119260 (SG). **INSTITUTE OF MICROELECTRONICS** [SG/SG]; 11 Science Park Road, Singapore 117685 (SG).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **XU, Yong, Ping** [AU/SG]; 113 Clementi Road, Blk D, #03-02, Singapore 129793 (SG). **SUN, Wai, Hoong** [MY/SG]; Blk 559, Ango Mo Kio Avenue 10, #04-1840, Singapore 560559 (SG). **WANG, Xiaofeng** [CN/CN]; The Middle Minzhu Road, #116, Shangqiu City, Henan Province 476000 (CN).

- WANG, Zhe [CN/SG]; Blk 206 Clementi Avenue 6, #10-101, Singapore 120206 (SG).
LIW, Sean, Ian, Saxon [SG/SG]; Blk 329 Ubi Ave 1, #09-617, Singapore 400329 (SG).
- (74) ELLA CHEONG MIRANDAH & SPRU-SONS PTE LTD; Robinson Road Post Office, P.O. Box 1531, Singapore 903031 (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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H03M 3/00
- (11) WO 03/043199 (13) A2
- (21) PCT/US02/36843
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) 60/332,369 15 Nov/nov 2001 US (15.11.2001)
- (30) 10/281,331 25 Oct/oct 2002 US (25.10.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • OPTICALLY SAMPLED DELTA-SIGMA MODULATOR
- MODULATEUR DELTA-SIGMA A ECHANTILLONNAGE OPTIQUE
- (71) HRL LABORATORIES, LLC [US/US]; 3011 Malibu Canyon Road, Malibu, CA 90265-4799 (US).
- (72) YAP, Daniel; 1824 Sweet Briar Place, Thousand Oaks, CA 91362 (US). JENSEN, Henrik, T.; 11972 Kiowa Avenue, #202, Brentwood, CA 90049 (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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H03M 3/00
- (11) WO 03/043200 (13) A2
- (21) PCT/US02/36848
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) 60/332,373 15 Nov/nov 2001 US (15.11.2001)
- (30) 10/280,416 25 Oct/oct 2002 US (25.10.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • TIME-INTERLEAVED DELTA SIGMA ANALOG TO DIGITAL MODULATOR
- MODULATEUR ANALOGIQUE-NUMERIQUE DELTA-SIGMA A ENTRELACEMENT TEMPOREL
- (63) US 10/280,416 (CON) 25 Oct/oct 2002 (25.10.2002)
- (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) YAP, Daniel [US/US]; 1824 Sweet Briar Place, Thousand Oaks, CA 91362 (US). JENSEN, Joseph, F. [US/US]; 2977 Seabreeze Drive, Malibu, CA 90265 (US).
- (74) BERG, Richard, P. et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H03M 13/37
- (11) WO 03/043201 (13) A1
- (21) PCT/US02/34204
- (22) 24 Oct/oct 2002 (24.10.2002)
- (25) en (26) en
- (30) 10/053,490 26 Oct/oct 2001 US (26.10.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METRIC CORRECTION FOR MULTI USER DETECTION, FOR LONG CODES DS-CDMA
- CORRECTION METRIQUE DE DETECTION MUTI-UTILISATEUR POUR DS-CDMA A CODES LONGS
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) PERETS, Yoni; 94/7 Akiva Street, 43263 Raanana (IL). PICK, Kobby; 43/2 Emek Haela Street, 71700 Modlin (IL). SMOLYAR, Lev; Yakov Hazan 43/4, 32881 Haifa (IL). YELLIN, Daniel; 71 Hertz Street, 43353 Raanana (IL).
- (74) HARRIS, Scott, C.; Fish & Richardson PC, 4350 La Jolla Village Drive, Suite 500, San Diego, CA 92122 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04B
- (11) WO 03/043203 (13) A2
- (21) PCT/IB02/04353
- (22) 21 Oct/oct 2002 (21.10.2002)
- (25) en (26) en
- (30) 09/991,543 16 Nov/nov 2001 US (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • ENHANCED TRANSMISSION OF CRITICAL DATA
- TRANSMISSION AMELIOREE DE DONNEES CRITIQUES
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02140 Espoo (FI).
- (71) NOKIA INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
- RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ H03M 13/45
- (11) WO 03/043202 (13) A1
- (21) PCT/IB02/04782
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 01402911.0 13 Nov/nov 2001 EP (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD OF DECODING A VARIABLE-LENGTH CODEWORD SEQUENCE
- PROCEDE DE DECODAGE D'UNE SEQUENCE DE MOTS CODES A LONGUEUR VARIABLE
- (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) LAMY, Catherine [FR/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). MEILHAC, Lisa [FR/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) CHARPAIL, François; 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(only for / seulement pour LC)

- (72) **LE, Khien**; 935 Village Parkway, Coppell, TX 75019 (US). **SWAMI, Yogesh**; 826W Royal Lane #392, Irving, TX 75039 (US). **KAKANI, Naveen, K.**; 225 Bryan Street #2, Denton, TX 76201 (US).
- (74) **MAGUIRE, Francis, J. et al. / etc.**; Ware, Fressola, Van Der Sluys & Adolphson LLP, 755 Main Street, P.O. Box 224, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B**
(11) **WO 03/043204** (13) A2
(21) PCT/US02/33391
(22) **17 Oct/oct 2002 (17.10.2002)**
(25) en (26) en
(30) 60/330,224 **17 Oct/oct 2001** US
(17.10.2001)
(30) 60/341,626 **17 Dec/déc 2001** US
(17.12.2001)
(30) 10/265,512 **3 Oct/oct 2002** US
(03.10.2002)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • SYSTEM AND METHOD FOR PROVIDING FOR OUT-OF-HOME ADVERTISING UTILIZING A SATELLITE NETWORK
• SYSTEME ET PROCEDE DE DISTRIBUTION DE PUBLICITE EN DEHORS DU LIEU D'HABITATION, AU MOYEN D'UN RESEAU DE SATELLITES
- (71) **AUTOMATED MEDIA SERVICES, INC.** [US/US]; 110 Commerce Drive, Allendale, NJ 07401 (US).
- (72) **WOLINSKY, Robert, I.**; 119 Valley Circle, Fairfield, CT 06423 (US). **AMADIO, Martin, A.**; 11 Thurston Terrace, Glen Rock, NJ 07452 (US). **GOLDRING, Peter, G.**; 74 Pittis Avenue, Allendale, NJ 07401 (US). **KIRSHENBAUM, Stanley**; 21 Tain Drive, Great Neck, NY 11021 (US). **WEISSMUELLER, William, Robert, Jr.**; 10 E. Lake Shore Drive, Round Lake Park, IL 60073 (US). **TELL, Ernest, Lawrence**; 2840 Woodcrest Dr., St. Paul, MN 55122 (US).
- (74) **SOLOMON, Gary, B.**; Jenkens & Gilchrist, P.C., 1445 Ross Avenue, Suite 3200, 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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B 1/00**
(11) **WO 03/043206** (13) A2
(21) PCT/DE02/04179
(22) **12 Nov/nov 2002 (12.11.2002)**
(25) de (26) de
(30) 101 55 572.5 **13 Nov/nov 2001** DE
(13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • EMISSION DEVICE, ESPECIALLY FOR MOBILE TELEPHONY
• DISPOSITIF EMETTEUR DESTINE NOTAMMENT A LA TELEPHONIE MOBILE
- (71) **PARKERVISION, INC.** [US/US]; 8493 Baymeadows Way, Jacksonville, FL 32256 (US).
- (72) **RAWLINS, Gregory, S.**; 155 Harston Court, Heathrow, FL 32746-6973 (US). **BROWN, Kevin**; 20638 South Buckhill Road, Clermont, FL 34711 (US). **RAWLINS, Michael, W.**; 349 Sprucewood Road, Lake Mary, FL 32746-5917 (US). **SORRELLS, David, F.**; 3129 Ride Out Lane, Middleburg, FL 32068 (US).
- (74) **LEE, Michael, Q. 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B 1/04, H03H 7/38**
(11) **WO 03/043207** (13) A1
(21) PCT/IB02/04570
(22) **30 Oct/oct 2002 (30.10.2002)**
(25) en (26) en
(30) 10/003,997 **14 Nov/nov 2001** US
(14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • IMPEDANCE MATCHING CIRCUIT FOR A MULTI-BAND RADIO FREQUENCY DEVICE
• CIRCUIT D'ADAPTATION D'IMPEDANCE POUR DISPOSITIF A FREQUENCES RADIOELECTRIQUES MULTIBANDE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **AGGARWAL, Sudhir**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LOCHER, Matthias**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **MAK, Theodorus, N.**; Internationaal Oetooibureau 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Declaration / Déclaration :
(t) for the following designation / pour la désignation suivante : CN
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- (51)⁷ **H04B 1/04, 1/30, 1/40, H04L 27/00**
(11) **WO 03/043208** (13) A1
(21) PCT/JP02/10715
(22) **16 Oct/oct 2002 (16.10.2002)**
(25) ja (26) ja
(30) 2001-349165 **14 Nov/nov 2001** JP
(14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
- (54) • SEMICONDUCTOR INTEGRATED CIRCUIT FOR COMMUNICATION
• CIRCUIT INTEGRE A SEMI-CONDUCTEURS POUR COMMUNICATION

(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) **OONO, Masachika** [JP/JP]; c/o HITACHI, LTD. Semiconductor & Integrated Circuits, 20-1, Josuihon-cho 5-chome, Kodaira-shi, Tokyo 187-8588 (JP). **MATSUI, Hiroaki** [JP/JP]; c/o HITACHI, LTD. Semiconductor & Integrated Circuits, 20-1, Josuihon-cho 5-chome, Kodaira-shi, Tokyo 187-8588 (JP). **YAHAGI, Koichi** [JP/JP]; c/o HITACHI, LTD. Semiconductor & Integrated Circuits, 20-1, Josuihon-cho 5-chome, Kodaira-shi, Tokyo 187-8588 (JP).

(74) **OBINATA, Tomio**; Yamamoto Bldg. 2F, 4, Kagurazaka 3-chome, Shinjuku-ku, Tokyo 162-0825 (JP).

(81) CN KR SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H04B 1/06

(11) WO 03/043209 (13) A1

(21) PCT/KR01/02089

(22) 4 Dec/déc 2001 (04.12.2001)

(25) en (26) en

(30) 2001-0070473 13 Nov/nov 2001 KR (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • GOLF GAME OPERATING TERMINAL
• TERMINAL DE PRATIQUE DU GOLF

(71, 72) **BAE, Jang-Moon** [KR/KR]; #3-1203 Kyungnam Apt., Kaep'o-dong, Kangnam-gu, Seoul 135-240 (KR).

(74) **YOO, Dong-Ho**; Rm.903 Kangnam Bldg., 1321-1 Socho-dong, Socho-gu, 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 1/16, 7/005 // H04N 7/00

(11) WO 03/043210 (13) A1

(21) PCT/FI01/00996

(22) 16 Nov/nov 2001 (16.11.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR SAVING POWER IN RADIO FREQUENCY (RF) RECEIVER AND RF RECEIVER
• PROCEDE D'ECONOMIE D'ENERGIE POUR RECEPTEUR DE RADIOFREQUENCE (RF) ET RECEPTEUR RF

(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]; Hirvikoirankatu 15, FIN-20900 Turku (FI). **SALO, Juha** [FI/FI]; Noppakatu 6 B3, FIN-20660 Littoinen (FI). **TÄHTINEN, Ilkka** [FI/FI]; Tiilentekijänkatu 6 A 21, FIN-20180 Turku (FI). **TALMOLA, Pekka** [FI/FI]; Varpusenkatu 2, FIN-20240 Turku (FI).

(74) **BERGGREN OY AB**; P.O. Box 16, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 H04B 1/18

(11) WO 03/043211 (13) A1

(21) PCT/JP02/11762

(22) 12 Nov/nov 2002 (12.11.2002)

(25) ja (26) ja

(30) 2001-347326 13 Nov/nov 2001 JP (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • RECEIVER
• RECEPTEUR

(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 Floor, Kitashinjuku OC Build., 8-15, Kitashinjuku 1-chome, Shinjuku-ku, Tokyo 169-0074 (JP).

(81) CN JP US.

(51)⁷ H04B 1/26, H03J 3/28

(11) WO 03/043212 (13) A1

(21) PCT/JP01/10039

(22) 16 Nov/nov 2001 (16.11.2001)

(25) ja (26) ja

(43) 22 May/mai 2003 (22.05.2003)

(54) • RECEIVER AND ITS TRACKING ADJUSTING METHOD
• RECEPTEUR ET SON PROCEDE DE REGLAGE D'ALIGNEMENT

(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 H04B 1/38, H04K 1/10, H04L 5/16, 12/26, 27/28

(11) WO 03/043213 (13) A1

(21) PCT/US02/29602

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 60/344,486 9 Nov/nov 2001 US (09.11.2001)

(30) 10/146,855 15 May/mai 2002 US (15.05.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM AND METHOD FOR INITIATING COMMUNICATION BETWEEN TRANSCIEVERS

• SYSTEMES ET PROCEDES DE DECLenchement DE COMMUNICATIONS ENTRE EMETTEURS-RECEPTEURS

(71) **GLOBESPAN VIRATA, INC.** [US/US]; 100 Schultz Drive, Red Bank, NJ 07701 (US).

(72) **RAHMAN, Shareq**; 308 Pleasant Valley Road, Morganville, NJ 07751 (US). **SCHOLTZ, William, H.**; 734 Navesink River Road, Red Bank, NJ 07701 (US). **DESHPANDE, Kedar**; 202 Waldorf Drive, Princeton, NJ 08540 (US). **TALWAR, Manish**; 1111 Knollwood Drive, Middletown, NJ 07748 (US).

(74) **MCCLURE, Daniel, R.**; Thomas, Kayden, Horstemeyer & Risley, LLP, 100 Galleria Parkway, NW, Suite 1750, Atlanta, GA 30339-5948 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 1/707, H04L 25/06, H03D 3/00

(11) WO 03/043214 (13) A1

(21) PCT/EP02/12271

(22) 4 Nov/nov 2002 (04.11.2002)

(25) en (26) en

(30) 10/011,571 12 Nov/nov 2001 US (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM AND METHOD FOR DC OFFSET COMPENSATION IN A WCDMA RECEIVER

- SYSTEME ET PROCEDE PERMETTANT D'EFFECTUER UNE COMPENSATION DE DECALAGE EN CONTINU DANS UN RECEPTEUR WCDMA
- (71) TELEFONAKTIEBOLAGET L M ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINDOFF, Bengt [SE/SE]; Morkullvägen 45, S-237 36 Bjärred (SE). MALM, Peter [SE/SE]; Bredgatan 14, S-222 21 Lund (SE).
- (74) ERICSSON MOBILE PLATFORMS AB; IPR Department, S-221 83 Lund (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ H04B 1/707, 7/26, H04Q 7/38
- (11) WO 03/043215 (13) A1
- (21) PCT/FI02/00882
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) en (26) en
- (30) 20012199 13 Nov/nov 2001 FI (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A METHOD FOR SIGNAL ACQUISITION IN A WIRELESS TERMINAL AND A WIRELESS TERMINAL
- PROCEDE D'ACQUISITION DE SIGNAL DANS UN TERMINAL HERTZIEN, ET TERMINAL HERTZIEN
- (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) HALIVAARA, Ismo [FI/FI]; Hallituskatu 23 C 46, FIN-33200 Tampere (FI).
- (74) TAMPEREEN PATENTTITOIMISTO OY; Hermiankatu 12 B, FIN-33720 Tampere (FI).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT

RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 7/00

(11) WO 03/043216 (13) A2

(21) PCT/EP02/12573

(22) 11 Nov/nov 2002 (11.11.2002)

(25) de (26) de

(30) 101 55 179.7 12 Nov/nov 2001 DE (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • DIGITAL REPEATER HAVING BANDPASS FILTERING, ADAPTIVE PRE-EQUALIZATION AND SUPPRESSION OF NATURAL OSCILLATION
- REPETITEUR NUMERIQUE A FILTRAGE PASSE-BANDE, PREACCENTUATION ADAPTATIVE ET SUPPRESSION DE L'OSCILLATION PROPRE

(71) MIKOM GMBH [DE/DE]; Industriering 10, 86675 Buchdorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUMMETZ, Thomas [DE/US]; Mikom US, 140 Vista Center Drive, Forest, VA 24551 (US).

(74) DREYKORN-LINDNER, Werner; Steinlachstrasse 2, 90571 Schwaig (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04B 7/00

(11) WO 03/043217 (13) A1

(21) PCT/KR02/02144

(22) 16 Nov/nov 2002 (16.11.2002)

(25) en (26) en

(30) 2001-71528 16 Nov/nov 2001 KR (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING ORTHOGONAL CODE INDEX INFORMATION IN A MOBILE COMMUNICATION SYSTEM
- PROCEDE ET DISPOSITIF D'EMISSION ET DE RECEPTION D'INFORMATIONS D'INDEX RELATIVES A LA

DISPONIBILITE DE CODES ORTHOGONAUX DANS UN SYSTEME DE COMMUNICATION MOBILE

(71) SAMSUNG ELECTRONICS CO. LTD. [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, 442-370 Kyungki-do (KR).

(72) KIM, Youn-Sun; #3-1007, Woosung APT., Daechi 3-dong, Kangnam-gu, 135-283 Seoul (KR). CHOI, Ho-Kyu; #1204-303, Mujigaemaecul, Kumi-dong, Pundang-gu, Songnam-shi, 463-500 Kyonggi-do (KR). KWON, Hwan-Joon; #1-203, Midomansion, Dunchon 2-dong, Kangdong-gu, 134-062 Seoul (KR). KIM, Dong-Hee; 565, Shindae-bang-dong, Dongjak-gu, 156-010 Seoul (KR).

(74) LEE, Keon-Joo; Mihwa Bldg. 110-2, Myongryun-dong 4-ga, Chongro-gu, 110-524 Seoul (KR).

(81) AU CA CN IN JP RU.

(51) H04B 7/005, H04L 1/18

(11) WO 03/043218 (13) A1

(21) PCT/IB02/04051

(22) 2 Oct/oct 2002 (02.10.2002)

(25) en (26) en

(30) 0127481.0 16 Nov/nov 2001 GB (16.11.2001)

(30) 0128669.9 30 Nov/nov 2001 GB (30.11.2001)

(30) 0207696.6 3 Apr/avr 2002 GB (03.04.2002)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • RADIO COMMUNICATION SYSTEM
- SYSTEME DE RADIOCOMMUNICATION

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) MOULSLEY, Timothy, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BAKER, Matthew, P., J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) SCOTT, Kevin, J.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H04B 7/005, H03M 13/45, H04L 1/00

(11) WO 03/043219 (13) A1

(21) PCT/JP02/11920

(22) 15 Nov/nov 2002 (15.11.2002)

(25) ja (26) ja

(30) 2001-351506 16 Nov/nov 2001 JP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • MOST LIKELIHOOD SERIES ESTIMATION APPARATUS AND MOST LIKELIHOOD SERIES ESTIMATION METHOD
- APPAREIL ET PROCEDE D'ESTIMATION DE SERIE A PLUS GRANDE VRAISEMBLANCE

- (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) **YAMANAKA, Ryutaro** [JP/JP]; 1-33-15-201, Kamiooka-higashi, Konan-ku, Yokohama-shi, Kanagawa 233-0001 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B 7/005, 1/707**
- (11) **WO 03/043220** (13) A1
- (21) PCT/US02/35878
- (22) **8 Nov/nov 2002 (08.11.2002)**
- (25) en (26) en
- (30) 10/007,870 **9 Nov/nov 2001 US (09.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • TRANSMIT POWER CONTROL DURING CONDITION OF OUT-OF-LOCK FOR FINGERS IN A RAKE RECEIVER
- COMMANDE DE PUISSANCE DE TRANSMISSION EN CONDITION NON ASSERVIE
- (71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (72) **SENDONARIS, Andrew**; 1436 Cedarmeadow Court, San Jose, CA 95131 (US).
- (74) **WADSWORTH, Philip R.** et al. / etc.; QUALCOMM Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B 7/005**
- (11) **WO 03/043221** (13) A1
- (21) PCT/US02/36641
- (22) **12 Nov/nov 2002 (12.11.2002)**
- (25) en (26) en
- (30) 09/993,381 **13 Nov/nov 2001 US (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • TRANSPORT FORMAT COMBINATION SELECTION FOR COMPRESSED MODE IN A W-CDMA SYSTEM
- SELECTION DE COMBINAISONS DE FORMAT DE TRANSPORT POUR MODE COMPRESSE DANS UN SYSTEME CDMA SANS FIL
- (71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (72) **VAYANOS, Alkinoos Hector**; 1037 Diamond Street, San Diego, CA 92109 (US). **WILLENEGGER, Serge**; Derriere-Ville B, CH-1425 Onnens (CH). **BLANZ, Josef**; Wilhelm-Leibl-Strasse 14, 81479 Muenchen (DE).
- (74) **WADSWORTH, Philip, R.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B 7/06**
- (11) **WO 03/043222** (13) A1
- (21) PCT/JP02/11825
- (22) **13 Nov/nov 2002 (13.11.2002)**
- (25) ja (26) ja
- (30) 2001-347029 **13 Nov/nov 2001 JP (13.11.2001)**
- (30) 2002-000359 **7 Jan/jan 2002 JP (07.01.2002)**
- (30) 2002-69716 **14 Mar/mar 2002 JP (14.03.2002)**
- (30) 2002-325194 **8 Nov/nov 2002 JP (08.11.2002)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • COMMUNICATION METHOD AND RADIO COMMUNICATION APPARATUS
- PROCEDE DE COMMUNICATION ET APPAREIL DE RADIOCOMMUNICATIONS
- (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) **MURAKAMI, Yutaka** [JP/JP]; 532-1-201, Kamisakunobe, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0034 (JP). **ORIHASHI, Masayuki** [JP/JP]; 1-12-1-302, Futamata, Ichikawa-shi, Chiba 272-0001 (JP). **MATSUOKA, Akihiko** [JP/JP]; 2108-1-201, Kitahatsusaku-cho, Midori-ku, Yokohama-shi, Kanagawa 226-0021 (JP).
- (74) **IWAHASHI, Fumio** et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B 7/185**
- (11) **WO 03/043223** (13) A1
- (21) PCT/IB02/01837
- (22) **22 Jan/jan 2002 (22.01.2002)**
- (25) en (26) en
- (30) 60/262,421 **19 Jan/jan 2001 US (19.01.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DELAYED RANDOM ACCESS
- ACCES ALEATOIRE DIFFERE
- (71) **GILAT SATELLITE NETWORKS, LTD.** [IL/IL]; 21 Yegla Kapayim Street, Kiryat Arye, 49130 Petah Tikva (IL).
- (72) **MARKUS, Arie**; 162 Habsor Street, Shoham (IL). **OFRI, Yoram**; 6 Ha-Dolphin Street, 75437 Rishon L'zion (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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 7/185, 7/005**
- (11) **WO 03/043224** (13) A1
- (21) PCT/US02/34328
- (22) **25 Oct/oct 2002 (25.10.2002)**
- (25) en (26) en
- (30) 60/335,749 **25 Oct/oct 2001 US (25.10.2001)**
- (30) 10/267,289 **8 Oct/oct 2002 US (08.10.2002)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CONTROLLING FORWARD LINK TRAFFIC CHANNEL POWER
- COMMANDE DE LA PUISSANCE D'UN CANAL DE TRAFIC EN LIAISON AVAL

- (71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (72) **MALLADI, Durga**; 11983 Briarleaf Way, San Diego, CA 92128 (US). **DOERFLER, Steve**; 3075 Stevens Circle North, Eric, CO 80516 (US). **ANDERSON, Jon, James**; 7436 Augusta Drive, Boulder, CO 80301 (US).
- (74) **WADSWORTH, Philip, R.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B 7/212, H04Q 11/00, H04J 3/24**
- (11) **WO 03/043225** (13) A1
- (21) PCT/US02/36501
- (22) **13 Nov/nov 2002 (13.11.2002)**
- (25) en (26) en
- (30) 10/054,230 **13 Nov/nov 2001 US (13.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **VIRTUAL GATEWAY**
• **PASSERELLE VIRTUELLE**
- (71) **GENERAL INSTRUMENT CORPORATION** [US/US]; 101 Tournament Drive, Horsham, PA 19044 (US).
- (72) **FANG, Zheng**; 3855 Blair Mill Road, Apt. 217A, Horsham, PA 19044 (US). **CARPICO, Christian**; 4102 Tranquility St., Schwenksville, PA 19473 (US).
- (74) **WILLIAMS, Karin, L.**; Mayer Fortkort & Williams, PC, 251 North Avenue West, 2nd Floor, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ **H04B 7/24, 7/26**
- (11) **WO 03/043226** (13) A1
- (21) PCT/US02/36607
- (22) **14 Nov/nov 2002 (14.11.2002)**
- (25) en (26) en
- (30) 60/336,221 **14 Nov/nov 2001 US (14.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **MOBILE ROUTER SUPPORT FOR IPv6**
• **SUPPORT DE ROUTEUR MOBILE POUR IPV6**
- (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) **MARKKI, Outi, Elisa**; Pikkulimmunkuja 2A, FIN-02660 Espoo (FI). **KNIVETON, Timothy, J.**; Suite 4, 468 Tehama Street, San Francisco, CA 94103 (US). **MALINEN, Jari, T.**; 655 S. Fair Oaks Avenue #H-104, Sunnyvale, CA 94086 (US). **DEVARAPALLI, Vijay**; 2311 Gianera Street, Santa Clara, CA 94054 (US). **PERKINS, Charles, E.**; 12450 Blue Meadow Ct., Saratoga, CA 95070 (US).
- (74) **BRANCH, John, W.**; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B 7/26, H04J 13/00**
- (11) **WO 03/043227** (13) A1
- (21) PCT/GB02/05151
- (22) **14 Nov/nov 2002 (14.11.2002)**
- (25) en (26) en
- (30) 0127319.2 **14 Nov/nov 2001 GB (14.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **METHOD, COMMUNICATION SYSTEM AND COMMUNICATION UNIT FOR SYNCHRONISATION FOR MULTI-RATE COMMUNICATION**
• **PROCEDE, SYSTEME DE COMMUNICATION ET UNITE DE COMMUNICATION POUR LA SYNCHRONISATION D'UNE COMMUNICATION MULTIDEBITS**
- (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) **HOWARD, Paul** [GB/GB]; Tennyson Cottage, Tennyson Road, Horfield, Bristol BS7 8SB (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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)⁷ **H04B 7/26**
- (11) **WO 03/043228** (13) A1
- (21) PCT/KR02/02100
- (22) **11 Nov/nov 2002 (11.11.2002)**
- (25) en (26) en
- (30) 2001/71202 **16 Nov/nov 2001 KR (16.11.2001)**
- (30) 2001/71787 **19 Nov/nov 2001 KR (19.11.2001)**
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • **METHOD FOR TRANSMITTING POWER CONTROL INFORMATION FOR HS-SCCH IN MOBILE COMMUNICATION SYSTEM**
• **PROCEDE DE TRANSMISSION D'INFORMATIONS DE REGULATION DE PUISSANCE POUR UN HS-SCCH DANS UN SYSTEME DE COMMUNICATION MOBILE**
- (71) **LG ELECTRONICS INC.** [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, 150-010 Seoul (KR).
- (72) **LEE, Young-Dae**; Sinan-Apt. 419-1501, Changwoo-Dong, Kyungki-Do, 465-711 Hanam (KR). **PARK, Jin-Young**; Mukunghwa Hwasung Apt. 124-1802, Keumjung-Dong, Kyungki-Do, 435-050 Kunpo (KR).
- (74) **PARK, Jang-Won**; Jewoo Bldg. 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 KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); 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 03/043229 (13) A1
- (21) PCT/US02/35879
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 60/337,472 9 Nov/nov 2001 US (09.11.2001)
- (30) 10/177,270 21 Jun/juin 2002 US (21.06.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • COMMUNICATIONS IN AN ASYNCHRONOUS WIRELESS NETWORK
• COMMUNICATIONS DANS UN RESEAU SANS FIL ASYNCHRONE
- (71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (72) BLANZ, Josef, Wilhelm-Leibl-Strasse 14, 81479 Muenchen (DE). WILLENEGGER, Serge; Vignes-Dessous, CH-1425 Onnens (CH).
- (74) WADSWORTH, Philip R. et al. / etc.; QUALCOMM Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04B 10/00, 10/12, 10/14
- (11) WO 03/043230 (13) A1
- (21) PCT/US02/36989
- (22) 15 Nov/nov 2002 (15.11.2002)
- (25) en (26) en
- (30) 10/002,605 15 Nov/nov 2001 US (15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • OPTICAL WDM TRANSMISSION SYSTEM HAVING A DISTRIBUTED ARRANGEMENT OF REGENERATORS
• SYSTEME DE TRANSMISSION OPTIQUE WDM COMPRENANT UN RESEAU REPARTI DE REGENERATEURS
- (71) PHOTURIS, INC. [US/US]; 20 Corporate Place South, Piscataway, NJ 08854 (US).
- (72) NIELSEN, Torben, N.; 45 Ocean Avenue, Apartment 8B, Monmouth Beach, NJ 07750 (US).
- (74) MAYER, Stuart, H.; Mayer Fortkort & Williams, PC, 2nd Floor, 251 North 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 TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04B 10/12, G06F 1/00, H03K 4/02
- (11) WO 03/043231 (13) A2
- (21) PCT/US02/36844
- (22) 15 Nov/nov 2002 (15.11.2002)
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- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND APPARATUS FOR WAVEFORM SYNTHESIS AND GENERATION
• PROCEDE ET APPAREIL DE SYNTHESE ET GENERATION DE SIGNAUX
- (63) US 10/116,801 (CON) 5 Apr/avr 2002 (05.04.2002)
- (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) YAP, Daniel [US/US]; 1824 Sweet Briar Place, Thousand Oaks, CA 90403 (US).
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- (74) BERG, Richard, P. et al. / etc.; LADAS & PARRY, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036-5679 (US).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MODULATION AND FILTRATION OF OPTICAL SIGNALS
• MODULATION ET FILTRAGE DE SIGNAUX OPTIQUES
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa-ken 211-88 (JP).
- (72) CHOUDHARY, Seemant; 12920 Audelia Road, #149, Dallas, Texas 75243-2548 (US).
HOSHIDA, Takeshi; 800 West Renner Road, #323, Richardson, TX 75080-1031 (US).
- (81) JP.
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- (11) WO 03/043233 (13) A1
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- (22) 14 Nov/nov 2002 (14.11.2002)
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- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DYNAMIC SPECTRAL EQUALIZER USING A PROGRAMMABLE HOLOGRAPHIC MIRROR
• EGALISEUR SPECTRAL DYNAMIQUE METTANT EN OEUVRE UN MIROIR HOLOGRAPHIQUE PROGRAMMABLE
- (71) OPTOGONE [FR/FR]; 1, avenue du Technopôle, F-29280 Plouzane (FR).
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- (72, 75) KAISER, Jean-Luc [FR/FR]; 1, rue des Minosas, F-29200 Brest (FR).
LUKINA, Tatiana [FR/FR]; 1, rue Ernest Renan, F-29200 Brest (FR).
CHEVALLIER, Raymond [FR/FR]; 15, rue Kerzavid, F-29217 Plougonvelin (FR).
DE BOUGRENET DE LA TOCNAYE, Jean-Louis [FR/FR]; Trévisquin, F-29290 Saint-Renan (FR).
- (74) VIDON, Patrice; Le Nobel, 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 CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(22) 6 Sep/sep 2002 (06.09.2002)

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(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS FOR PROVIDING OPTIMIZED HIGH SPEED LINK UTILIZATION

• PROCÉDE ET DISPOSITIF ASSURANT UNE UTILISATION DE LIAISONS GRANDE VITESSE OPTIMISEE

(71) MCDATA CORPORATION [US/US]; 310 Interlocken Parkway, Broomfield, CO 80021 (US).

(72) LAY, Samuel, C.; 1077 Eldorado Drive, Superior, CO 80027 (US). NELSON, Jeffrey, J.; 415 Sunland, Louisville, CO 80027 (US).

(74) BURTON, Carol, W. et al. / etc.; Hogan and Hartson, LLP, 1200 17th Street, Suite 1500, Denver, CO 80202 (US).

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(25) en (26) en

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(54) • ANTENNA POLARIZATION CODULATION

• CODULATION DE POLARISATION D'ANTENNE

(71, 72) PRASAD, Jyoti [NL/DK]; Alsbjergvej 10, DK-9260 Gistrup (DK). KALLURI, Dikshitulu [US/US]; 96 Freda Lane, Lowell, MA 01854 (US). FARSEROTU, Veronique [CH/CH]; 42, rue des Epancheurs, CH-2012 Auvemier (CH). VANICHSETAKUL, Nunta [TH/US]; 1201 Schindler Lane, Wayne, NJ 07470 (US).

(74) PATENTGRUPPEN APS; Arosgården, Aaboulevarden 23, DK-8000 Aarhus C (DK).

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(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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, H04K 1/00, H04L 27/30

(11) WO 03/043236 (13) A1

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(54) • ARRAY PROCESSING FOR LINEAR SYSTEM SOLUTIONS

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(71) INTERDIGITAL TECHNOLOGY CORPORATION [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).

(72) BECKER, Peter, E.; 114 North Hawthorne Road, Coatesville, PA 19320 (US). SUPPLEE, Stephan, Shane; 1889 Shadyside Road, Coatesville, PA 19320 (US).

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(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(54) • SIGNAL MEASUREMENT APPARATUS AND METHOD FOR HANDOVER IN A MOBILE COMMUNICATION SYSTEM

• APPAREIL DE MESURE DE SIGNAUX ET PROCÉDE DE TRANSFERT DANS

UN SYSTEME DE COMMUNICATION MOBILE

(71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, 442-370 Kyungki-do (KR).

(72) KIM, Jung-Gon; 30-2, Panpo-dong, Socho-gu, 137-040 Seoul (KR). LEE, Hyeon-Woo; #806-901, Byucksan APT., Kwonsong-dong, Kwonsong-gu, Suwon-shi, 441-390 Kyonggi-do (KR). CHOI, Sung-Ho; #306-302, Neutimaoul, Chongja-dong, Pundang-gu, Songnam-shi, 463-010 Kyonggi-do (KR). LEE, Ju-Ho; #730-803, Salgulol Hyundai APT., Youngtong-dong, Paldal-gu, Suwon-shi, 442-470 Kyonggi-do (KR). KIM, Hyoung-Gwan; 284-6, Nakwon-dong, Chongno-gu, 110-320 Seoul (KR). DU, Gaoke; Samsung Telecommunication R & D Center, 4F Science and Technology Tower, No. 9, Zhong Guan Nan Lu, Hai Dian Dist., 100081 Beijing (CN). LI, XIAOQIANG; Samsung Telecommunication R & D Center, 4F Science and Technology Tower, No. 9, Zhong Guan Nan Lu, Hai Dian Dist., 100081 Beijing (CN). WANG, Ting; Samsung Telecommunication R & D Center, 4F Science and Technology Tower, No. 9, Zhong Guan Nan Lu, Hai Dian Dist., 100081 Beijing (CN). ZHANG, Shuwei; Samsung Telecommunication R & D Center, 4F Science and Technology Tower, No. 9, Zhong Guan Nan Lu, Hai Dian Dist., 100081 Beijing (CN). KWAK, Yong-Jun; 339, Jukjon-ri, Suji-eup, Yongin-shi, 449-840 Kyonggi-do (KR). LEE, Kook-Heui; #103-202, Seokwang APT., Chongsolmaoul, Kungok-dong, Pundang-gu, Songnam-shi, 463-480 Kyonggi-do (KR). HWANG, Sung-Oh; #203-501, Byucksan APT., Suji-eup, Yongin-shi, 449-747 Kyonggi-do (KR). LEE, Hye-Young; 292-14, Imun 1-dong, Tongdaemun-gu, 130-081 Seoul (KR). PARK, Joon-Goo; #3-910, Samik APT., Pangbae 3-dong, Socho-gu, 137-754 Seoul (KR). CHANG, Jin-Weon; 379-9, Kihung-eup, Yongin-shi, 449-900 Kyonggi-do (KR).

(74) LEE, Keon-Joo; Mihwa Bldg. 110-2, Myongryun-dong 4-ga, Chongro-gu, 110-524 Seoul (KR).

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(72, 75) TAKEUCHI, Yoshiyasu [JP/JP]; 285-2-202, Noba-cho, Kounan-ku, Yokohama-shi, Kanagawa 234-0056 (JP).

- NAKANISHI, Toru [JP/JP]; 1-13 302-902, Nasahara, Takatsuki-shi, Osaka 569-1041 (JP). YOSHIKAWA, Masaaki [JP/JP]; 8-3-4, Nishi-Shinjuku, Shinjuku-ku, Tokyo 160-0023 (JP).
- (74) ZOGO, Masahiro et al. / etc.; Shuwa Kioi-cho TBR Building, 7, Kojimachi 5-chome, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- PROCEDES ET TERMINAUX DE COMMUNICATIONS PERMETTANT D'AUGMENTER LA CAPACITE DE RESEAUX DE COMMUNICATIONS CDMA
- (71) MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) OLIVER, John; 333 E. Ontario Street, Chicago, IL 60611 (US). MALLETTE, Alexandre; 40 East 9th Street, #918, Chicago, IL 60605 (US). NGUYEN, Mymy; 2010 W. Cornelia Avenue, Apt #1, Chicago, IL 60618 (US).
- (74) BOWLER, Roland K. et al. / etc.; 600 North US Highway 45, AN475, Libertyville, IL 60048 (US).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • VIRTUAL CONCATENATION TRANSMISSION METHOD AND DEVICE
- PROCEDE ET DISPOSITIF DE TRANSMISSION DE CONCATENATION VIRTUELLE
- (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) KUWABARA, Takashi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) MOIZUMI, Shuji; 25-27-809, Takanawa 3-chome, Minato-ku, Tokyo 108-0074 (JP).
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- (54) • PHYSICALLY SCOPED MULTICAST IN MULTI-ACCESS NETWORKS
- MULTI-DIFFUSION A LIMITATION DE PORTEE PHYSIQUE DANS UN RESEAU MULTI-ACCES
- (71) NOKIA, INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
- (72) TROSSEN, Dirk; 300 Mystic Valley Parkway, Arlington, MA 02474 (US). KRISHNAMURTHI, Govind; 276 Massachusetts Avenue, #105, Arlington, MA 02474 (US). CHASKAR, Hemant; 111 Locust Street, Apartment 40-C-1, Woburn, MA 01801 (US).
- (74) WRIGHT, Bradley, C.; Banner & Witcoff, Ltd., 1001 G Street, N.W., Eleventh Floor, Washington, DC 20001-4597 (US).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 03/043242 (13) A1
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- (22) 13 Nov/nov 2002 (13.11.2002)
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- (54) • RECEPTION APPARATUS
- RECEPTEUR
- (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) MURAKAMI, Yutaka [JP/JP]; 532-1-201, Kamisakunobe, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0034 (JP). ORIHASHI, Masayuki [JP/JP]; 1-12-1-302, Futamata, Ichikawa-shi, Chiba 272-0001 (JP). MATSUOKA, Akihiko [JP/JP]; 2108-1-201, Kitahatsusaku-cho, Midori-ku, Yokohama-shi, Kanagawa 226-0021 (JP).
- (74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04J 11/00
- (11) WO 03/043243 (13) A1
- (21) PCT/JP02/11827
- (22) 13 Nov/nov 2002 (13.11.2002)
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- (30) 2001/347029 13 Nov/nov 2001 JP (13.11.2001)
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- (43) 22 May/mai 2003 (22.05.2003)
- (54) • TRANSMISSION METHOD, TRANSMISSION APPARATUS, AND RECEPTION APPARATUS
- EMETTEUR, RECEPTEUR, ET PROCEDE D'EMISSION CORRESPONDANT
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

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(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04J 11/00, 13/04, H04B 7/26

(11) WO 03/043244 (13) A1

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(22) 12 Sep/sep 2002 (12.09.2002)

(25) ja (26) ja

(30) 2001-348498 14 Nov/nov 2001 JP (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MULTI-CARRIER CODE DIVISION MULTIPLEXING COMMUNICATION APPARATUS, MULTI-CARRIER CODE DIVISION MULTIPLEXING COMMUNICATION METHOD, MULTI-CARRIER CODE DIVISION MULTIPLEXING TRANSMISSION APPARATUS, AND MULTI-CARRIER CODE DIVISION MULTIPLEXING TRANSMISSION METHOD

• DISPOSITIF ET PROCEDE DE COMMUNICATION A MULTIPLEXAGE PAR REPARTITION DE CODE MULTIPORTEUSES, ET DISPOSITIF ET PROCEDE DE TRANSMISSION A MULTIPLEXAGE PAR REPARTITION DE CODE MULTIPORTEUSES

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

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(72, 75) NAGAYASU, Takayuki [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) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H04J 11/00

(11) WO 03/043245 (13) A1

(21) PCT/KR02/02103

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) 2001/69994 10 Nov/nov 2001 KR (10.11.2001)

(30) 2002/3204 19 Jan/jan 2002 KR (19.01.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • STFBC CODING/DECODING APPARATUS AND METHOD IN AN OFDM MOBILE COMMUNICATION SYSTEM

• APPAREIL ET PROCEDE DE CODAGE/DECODAGE STFBC DANS UN SYSTEME DE COMMUNICATION MOBILE OFDM

(71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Mactan-dong, Paldal-gu, Suwon-shi, 442-370 Kyungki-do (KR).

(72) JOO, Pan-Yuh; #1702, Woosunglivingtel, Togok-dong, Kangnam-gu, 135-270 Seoul (KR).
KANG, Dae-Eop; 20-5, Sincheon-dong, Songpa-gu, 138-240 Seoul (KR).
KO, Eun-Seok; 134, Sinchon-dong, Seodaemun-gu, 120-749 Seoul (KR).
HONG, Dae-Sik; 134, Sinchon-dong, Seodaemun-gu, 120-749 Seoul (KR).

(74) LEE, Keon-Joo; Mihwa Bldg., 110-2, Myongryun-dong 4-ga, Chongro-gu, 110-524 Seoul (KR).

(81) AU CA CN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H04J 14/00

(11) WO 03/043246 (13) A1

(21) PCT/US02/33594

(22) 18 Oct/oct 2002 (18.10.2002)

(25) en (26) en

(30) 60/350,170 24 Oct/oct 2001 US (24.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM AND METHOD FOR TRANSMITTING AND STORING DATA USING AN ENHANCED ENCODING SYSTEM

• SYSTEME ET PROCEDE SERVANT A TRANSMETTRE ET A MEMORISER DES DONNEES AU MOYEN D'UN SYSTEME DE CODAGE AMELIORE

(63) US Not furnished / non communiqué (CIP)
Not furnished / non communiquée

(71, 72) LARSON, Mykel, G. [US/US]; 213 West 14th Street, Upland, CA 91786 (US).

(74) CISLO, Daniel, M. et al. / etc.; 233 Wiltshire Boulevard, Suite 900, Santa Monica, CA 90401 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 03/043247 (13) A2

(21) PCT/US02/36598

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/332,242 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • TUNABLE OPTICAL ADD/DROP MULTIPLEXER WITH MULTI-FUNCTION OPTICAL AMPLIFIERS

• MULTIPLEXEUR A INSERTION-EXTRACTION OPTIQUE ACCORDABLE DOTE D'AMPLIFICATEURS OPTIQUES MULTIFONCTIONS

(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

(72) PETRICH, Gale, S.; 215 Massachusetts Ave., Apt. 33, Arlington, MA 02474 (US).
KOLODZIEJSKI, Leslie, A.; 56 Carleton Road, Belmont, MA 02478 (US).

(74) CONNORS, Matthew, E. et al. / etc.; Samuels, Gauthier & Stevens, LLP, Suite 3300, 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04J 14/02

(11) WO 03/043248 (13) A1

(21) PCT/CN02/00422

(22) 14 Jun/juin 2002 (14.06.2002)

(25) zh (26) zh

(30) 01140591.0 11 Nov/nov 2001 CN (11.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • OPTICAL SIGNAL MODULATION METHOD AND THE OPTICAL TRANSMISSION SYSTEM

• PROCEDE DE MODULATION DE SIGNAUX OPTIQUES ET SYSTEME DE TRANSMISSION OPTIQUE

(71) HUAWEI TECHNOLOGIES CO., LTD. [CN/CN]; Intellectual Property Department, Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Shenzhen, Guangdong 518057 (CN).

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(72, 75) LIU, Yue [CN/CN]; Intellectual Property Department, Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Shenzhen, Guangdong 518057 (CN). LI, Changchun [CN/CN]; Intellectual Property Department, Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Shenzhen, Guangdong 518057 (CN).

(74) BEIJING UNITALEN PATENT & TRADEMARK LAW FIRM; 7th Floor, Scitech Place, No. 22, Jian Guo Men Wei Avenue, Chao Yang District, Beijing 100004 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 H04J 14/02

(11) WO 03/043249 (13) A1

(21) PCT/CN02/00442

(22) 26 Jun/juin 2002 (26.06.2002)

(25) zh (26) zh

(30) 01124672.3 3 Aug/août 2001 CN (03.08.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • AN IMPLEMENTATION METHOD FOR EQUALIZING A POWER OF DENSED WAVELENGTH DIVISION MULTIPLEX (DWDM) SYSTEM

• PROCEDE DE MISE EN OEUVRE POUR EGALISER LA PUISSANCE D'UN SYSTEME DE MULTIPLEXAGE EN LONGUEUR D'ONDE DENSE (DWDM)

(71) HUAWEI TECHNOLOGIES CO., LTD. [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHEN, Juan [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). LI, Changchun [CN/CN]; Huawei Service Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).

(74) KANGXIN & PARTNERS; Suite 2313, Xinlong Mansion, A33 Erlonglu, 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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 H04K 1/00

(11) WO 03/043250 (13) A1

(21) PCT/US02/36067

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 10/011,538 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ENABLING SECURE COMMUNICATION IN A CLUSTERED OR DISTRIBUTED ARCHITECTURE
• AUTORISER DES COMMUNICATIONS SECURISEES DANS UNE ARCHITECTURE EN GRAPPE OU REPARTIE

(63) US 10/011,538 (CIP) 13 Nov/nov 2001 (13.11.2001)

(71) REEFEDGE, INC. [US/US]; 2 Executive Drive, Suite 600, Fort Lee, NJ 07024 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SIMON, Thor [US/US]; 116 Pinchurst Avenue #T-11, New York, NY 10033 (US). GEFFLAUT, Alain [FR/FR]; 2 Allee Auguste Louis Jobbe Duval, F-35000 Rennes (FR). JOUBERT, Philippe [FR/US]; 225 East 95th Street, Apt. 29K, New York, NY 10128 (US). SINGHAL, Sandeep [US/US]; 2 Leighton Street, Englewood Cliffs, NJ 07632-1414 (US). NEVES, Richard [US/US]; 18 North Broadway, #208, Tarrytown, NY 10591 (US).

(74) GALLOWAY, Peter et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c), (n)

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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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

(v) for the following designation / pour la désignation suivante : JP

(51)⁷ H04L

(11) WO 03/043251 (13) A2

(21) PCT/EP02/12912

(22) 18 Nov/nov 2002 (18.11.2002)

(25) en (26) en

(30) 01127270.5 16 Nov/nov 2001 EP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • LINK CONTROL SIGNALLING SCHEME TO INTRODUCE NEW PHYSICAL LAYER MODE EXTENSIONS

• SCHEMA DE SIGNALISATION DE COMMANDE DE LIAISON PERMETTANT L'INTRODUCTION DE NOUVEAUX MODES D'EXTENSION DE COUCHE PHYSIQUE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KERN, Ralf [DE/DE]; Holtwicker Str. 62A, 46399 Bocholt (DE). BOLINTH, Edgar [DE/DE]; Rheindahlener Str. 88, 41189 Mönchengladbach (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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(w) for / pour US only / seulement

(51)⁷ H04L

(11) WO 03/043252 (13) A2

(21) PCT/IL02/00829

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) 09/976,044 15 Oct/oct 2001 US (15.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DEVICE, METHOD AND SYSTEM FOR AUTHORIZING TRANSACTIONS
• DISPOSITIF, PROCÉDE ET SYSTÈME D'AUTORISATION DE TRANSACTIONS

(71, 72) HOFI, Eyal [IL/IL]; Neve Savyon, Ben Gurion Street 25, 60 416 Or Yehuda (IL).

(74) G. E. EHRlich (1995) LTD.; Bezalel Street 28, 52 521 Ramat Gan (IL).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L

(11) WO 03/043253 (13) A2

(21) PCT/IL02/00910

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/331,212 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A SYSTEM AND METHOD FOR GENERATING POLICIES FOR A COMMUNICATION NETWORK

• SYSTÈME ET PROCÉDE DE GÉNÉRATION DE MODALITÉS DESTINÉES À UN RÉSEAU DE COMMUNICATION

(71) CVIDYA NETWORKS LTD. [IL/IL]; 5 Haarad Street, Ramat Hachayal, 69710 Tel Aviv (IL).

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(72, 75) SOLOTOREVSKY, Gad [IL/IL]; 9 Maale Haretamim, 40500 Even Yehuda (IL). KRISI, Natan [IL/IL]; 8 Hachavatzet Street, 55454 Kiryat-Ono (IL). MELTZIN, Svetlana [IL/IL]; 5/4 Hainbal Street, 49733 Petach-Tikva (IL).

(74) EITAN, PEARL, LATZER & COHEN-ZEDEK et al. / etc.; 2 Gav Yam Center, 7 Shenkar Street, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L

(11) WO 03/043254 (13) A2

(21) PCT/US02/35786

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 60/332,415 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • TRANSFERRING DATA USING DIRECT MEMORY ACCESS
• TRANSFERT DE DONNÉES FAISANT APPEL À L'ACCÈS DIRECT MÉMOIRE

(71) CHAPARRAL NETWORK STORAGE, INC. [US/US]; 7420 East Dry Creek Parkway, Longmont, CO 80503 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAINE, Gene [US/US]; 1622 Albion Lane, Longmont, CO 80503 (US).

(74) ZINGER, David, F. 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 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L

(11) WO 03/043255 (13) A2

(21) PCT/US02/36220

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/331,228 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND SYSTEM FOR COMPUTER BASED TESTING USING AN AMALGAMATED RESOURCE FILE

• PROCÉDE ET SYSTÈME DE TESTS ASSISTÉS PAR ORDINATEUR, FAISANT APPEL À UN FICHIER DE RESSOURCES AMALGAMÉES

(71) PROMETRIC, INC. [US/US]; 1000 Lancaster Street, Baltimore, MD 21202 (US).
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(72, 75) BOWERS, Clarke, D. [US/US]; 1000 Lancaster Street, Baltimore, MD 21202 (US).

(74) DONNER, Irah, H. et al. / etc.; Hale and Dorr LLP, 1455 Pennsylvania Avenue N.W., 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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L

(11) WO 03/043256 (13) A2

(21) PCT/US02/36341

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 10/011,341 12 Nov/nov 2001 US (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR GENERATING A MULTIPLEXED SEQUENCE OF MEDIA UNITS

• PROCÉDE DE PRODUCTION D'UNE SÉQUENCE MULTIPLEXÉE D'UNITÉS DE SUPPORTS

(71) BIGBAND NETWORKS, INC. [US/US]; 475 Broadway Street, Redwood City, CA 94063 (US).

(72) ESHET, Amit; 3 Malot Habozyim, 34576 Haifa (IL). OZ, Ran; 27 Nahal Gaaton Street, 71700 Modiin (IL). STRASMAN, Nery; 33 Maale Hatsofim Street, 52488 Ramat Gan (IL). LEVENTER, Amir; 10 Alterman Street, 44228 Kfar Saba (IL).

(74) FAHMI, Tarek, N. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 1/00

(11) WO 03/043257 (13) A1

(21) PCT/CH01/00673

(22) 15 Nov/nov 2001 (15.11.2001)

(25) de (26) de

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND SYSTEM FOR DETERMINING DATA TRANSFER MARGINS FOR NETWORK CONNECTIONS

• PROCEDE ET SYSTEME DE DETERMINATION DE MARGES DE TRANSFERT DE DONNEES POUR DES CONNEXIONS DE RESEAU

(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) PYTHOUD, Frédéric [CH/CH]; Châtelet 3, CH-1700 Fribourg (CH).

(74) BOVARD AG; Optingenstr. 16, CH-3000 Bern 25 (CH).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE 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 H04L 1/12, H04B 7/00

(11) WO 03/043258 (13) A1

(21) PCT/US02/35734

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 60/345,035 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • WEIGHTED WIRELESS EARLY DETECTION

• DETECTION PRECOCE SANS FIL PONDEREE

(71) CYNETA NETWORKS, INC. [US/US]; 1201 N. Bowser Rd., Suite 100, Richardson, TX 75081 (US).

(72) KOMANDUR, Sridhar; 3013 Brookvale Dr., Richardson, TX 75082 (US). LIND, Janet, H.; 1720 Sandpiper, Plano, TX 75075 (US).

(74) RHOADES, R., Scott; Strasburger & Price, LLP, Suite 4300, 901 Main Street, Dallas, TX 75202-3794 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 TN 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(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 TN 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04L 1/18

(11) WO 03/043259 (13) A1

(21) PCT/EP01/13063

(22) 12 Nov/nov 2001 (12.11.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND DEVICE FOR RE-TRANSMISSION OF TRANSMITTED UNITS

• PROCEDE ET DISPOSITIF DE RE-TRANSMISSION D'UNITES TRANSMISES

(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) EKLUND, Carl [FI/FI]; Stahlbergintie 3 E 48, FIN-00570 Helsinki (FI). SALOKANNEL, Juha [FI/FI]; Toikantie 6 B 13, FIN-36240 Kangasala (FI).

(74) COHAUSZ & FLORACK; Kanzlerstrasse 8a, 40472 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 1/18, 27/34

(11) WO 03/043260 (13) A1

(21) PCT/EP02/12836

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 01 127 244.0 16 Nov/nov 2001 EP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • HYBRID ARQ METHOD FOR PACKET DATA TRANSMISSION

• PROCEDE ARQ HYBRIDE POUR TRANSMISSION DE DONNEES PAR PAQUETS

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Kadoma, Kadoma City, Osaka 571-8501 (JP).

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(72, 75) GOLITSCHKE EDLER VON ELBWART, Alexander [DE/DE]; Wilhelminen Strasse 32, 64285 Darmstadt (DE). SEIDEL, Eiko [DE/DE]; Gruener Weg 1, 64283 Darmstadt (DE). WENGERTER, Christian [DE/DE]; Bahnhof Strasse 10d, 63924 Kleinheubach (DE).

(74) KUHLL, Dietmar; Grünecker, Kinkeldey, Stockmair & Schwanhäusser Anwaltssozietät; Maximilianstr. 58., 80538 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 1/18, 27/34

(11) WO 03/043261 (13) A1

(21) PCT/EP02/12837

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

- (30) 01127245.7 16 Nov/nov 2001 EP
(16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • HYBRID ARQ METHOD FOR DATA TRANSMISSION
• PROCEDE DE TRANSMISSION DE DONNEES ARQ HYBRIDE
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006 Kadoma, Kadoma City, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GOLITSCHKE EDLER VON ELBWART, Alexander [DE/DE]; Wilhelminenstrasse 32, 64285 Darmstadt (DE). SEIDEL, Eiko [DE/DE]; Gruener Weg 1, 64283 Darmstadt (DE). WENGERTER, Christian [DE/DE]; Bahnhofstrasse 10 d, 63924 Kleinheubach (DE).
- (74) KUHL, Dietmar; Grünecker, Kinkeldey, Stockmair & Schwanhäusser, Maximilianstrasse 58, 80538 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 5/16
- (11) WO 03/043262 (13) A1
- (21) PCT/US02/36601
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/350,629 13 Nov/nov 2001 US
(13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • METHOD AND SYSTEM FOR SPECTRALLY COMPATIBLE REMOTE TERMINAL ADSL DEPLOYMENT
• PROCEDE ET SYSTEME DE COMPATIBILITE SPECTRALE POUR LE DEPLOIEMENT D'UN TERMINAL ADSL A DISTANCE
- (71) TELCORDIA TECHNOLOGIES, INC. [US/US]; 445 South Street, Morristown, NJ 07960 (US).
- (72) KERPEZ, Kenneth, J.; 150 Old Farmers Road, Long Valley, NJ 08807 (US).
- (74) SCHONEMAN, William, A. et al. / etc.; Telcordia Technologies, Inc., 445 South Street 1G112R, Morristown, NJ 07960 (US).
- (81) CA JP
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ H04L 9/08, 9/16, G11B 20/10, G06F 12/14, H04N 7/16, 7/08
- (11) WO 03/043263 (13) A1
- (21) PCT/JP02/11797
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 2001-349539 15 Nov/nov 2001 JP
(15.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CONTROL OF USAGE OF CONTENTS IN DIGITAL BROADCASTS
• COMMANDE DE L'UTILISATION DE CONTENUS DANS DES DIFFUSIONS NUMERIQUES
- (71) NIPPON HOSO KYOKAI [JP/JP]; 2-1, Jinan 2-chome, Shibuya-ku, Tokyo 150-8001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NISHIMOTO, Yusei [JP/JP]; c/o NHK Science & Technical Research Laboratories, 10-11, Kinuta 1-chome, Setagaya-ku, Tokyo 157-8510 (JP). KURIOKA, Tatsuya [JP/JP]; c/o NHK Science & Technical Research Laboratories, 10-11, Kinuta 1-chome, Setagaya-ku, Tokyo 157-8510 (JP). UEHARA, Toshihiro [JP/JP]; c/o NHK Science & Technical Research Laboratories, 10-11, Kinuta 1-chome, Setagaya-ku, Tokyo 157-8510 (JP). NAMBA, Seiichi [JP/JP]; c/o NHK Science & Technical Research Laboratories, 10-11, Kinuta 1-chome, Setagaya-ku, Tokyo 157-8510 (JP). OKUDA, Haruo [JP/JP]; c/o NHK Science & Technical Research Laboratories, 10-11, Kinuta 1-chome, Setagaya-ku, Tokyo 157-8510 (JP).
- (74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ H04L 12/24
- (11) WO 03/043264 (13) A2
- (21) PCT/FR02/03825
- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) fr (26) fr
- (30) 01/14608 12 Nov/nov 2001 FR
(12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DEVICE AND METHOD FOR AUTONOMOUS PREDICTION NETWORK ANALYSIS
• DISPOSITIF ET PROCEDE D'ANALYSE RESAU A PREDICTION AUTONOME
- (71) INRIA INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE [FR/FR]; Domaine de Voluceau, Rocquencourt, B.P. 105, F-78153 Rocquencourt (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BACCELLI, François [FR/FR]; 83, rue de Paris, F-92190 Meudon (FR). HONG, Dohy [FR/FR]; 5, rue de la Maison Rouge, F-94120 Fontenay-sous-Bois (FR).
- (74) PLAÇAIS, Jean-Yves; Cabinet Netter, 36, avenue Hoche, F-75008 Paris (FR).
- (81) CA JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ H04L 12/28
- (11) WO 03/043265 (13) A1
- (21) PCT/IB02/04752
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 60/351,800 13 Nov/nov 2001 US
(13.11.2001)
- (30) 10/180,600 26 Jun/juin 2002 US
(26.06.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • APPARATUS AND METHOD FOR PROVIDING IEEE 802.11e HYBRID COORDINATOR RECOVERY AND BACKOFF RULES
• APPAREIL ET PROCEDE DE DEFINITION DE REGLES DE REPRISE ET DE DEGAGEMENT D'UN COORDINATEUR HYBRIDE IEEE 802.11E
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) CHOI, Sunghyun; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DEL PRADO, Javier; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
(t) for the following designation / pour la désignation suivante : CN; (t) for the following designation / pour la désignation suivante : CN
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- (51)⁷ H04L 12/28, 12/56
- (11) WO 03/043266 (13) A1
- (21) PCT/IB02/04753
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 60/351,799 13 Nov/nov 2001 US
(13.11.2001)
- (30) 10/180,570 26 Jun/juin 2002 US
(26.06.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • APPARATUS AND METHOD FOR PROVIDING QUALITY OF SERVICE SIGNALING FOR IEEE 802.11E MAC
• PROCEDE ET DISPOSITIF DE PRODUCTION D'UN SIGNAL DE QUALITE DE SERVICE POUR MAC IEEE 802.11E

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **NANDAGOPALAN, Sai, S.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **CHOI, Sunghyun**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationale 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(f) for the following designation / pour la désignation suivante : CN

(51)⁷ H04L 12/28, 12/56, 29/06

(11) WO 03/043267 (13) A1

(21) PCT/SE02/02070

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 60/350,764 12 Nov/nov 2001 US (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM AND METHOD FOR PROVIDING QUALITY OF SERVICE IN IEEE 802.11 SYSTEMS

• SYSTEME ET PROCÉDE PERMETTANT DE FOURNIR UNE QUALITE DE SERVICE DES SYSTEMES IEEE 802.11

(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) **LINDSKOG, Jan** [SE/SE]; Rådavägen 54, S-435 43 Pixbo (SE). **ROMMER, Stefan** [SE/SE]; Kageledsgatan 40B, S-416 73 Göteborg (SE). **RYDNELL, Gunnar** [SE/SE]; Silleskärsgatan 47, S-421 59 V Frölunda (SE). **HANSSON, Ulf** [SE/SE]; Almekärsvägen 119, S-443 39 Lerum (SE). **KULLANDER, Jan** [SE/SE]; Paradisgatan 25M, S-413 16 Göteborg (SE). **JOHANSSON, Karl, Fredrik** [SE/SE]; Uddevallaplatsen 16, S-416 70 Göteborg (SE).

(74) **ERICSSON AB**; Patent Unit West, S-431 84 Mölndal (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/28, 12/403

(11) WO 03/043268 (13) A1

(21) PCT/US02/33854

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 10/068,168 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHODS AND APPARATUS FOR SUPPORTING MULTIPLE UTOPIA MASTERS ON THE SAME UTOPIA BUS

• PROCÉDES ET DISPOSITIFS DESTINÉS A METTRE EN ŒUVRE PLUSIEURS MAITRES UTOPIA SUR LE MEME BUS UTOPIA

(71) **TRANSWITCH CORPORATION** [US/US]; 3 Enterprise Drive, Shelton, CT 06484 (US).

(72) **NOVICK, Ronald, P.**; 258 Karen Drive, Orange, CT 06477 (US). **NICOULAZ, Didier, P.**; Chemin de Vieux-Moulin 32, CH-1023 Crissier (CH). **MARTY, Diego**; Chemin de Veilloud 56, CH-1024 Ecublens (CH).

(74) **GORDON, David, P. et al.** / etc.; 65 Woods End Road, Stamford, CT 06905 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04L 12/403

(11) WO 03/043269 (13) A1

(21) PCT/US02/36706

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 2,361,971 14 Nov/nov 2001 CA (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM AND METHOD FOR ENHANCING THE ACTIVATION OF DSL SERVICE

• SYSTEME ET PROCÉDE POUR AMÉLIORER L'ACTIVATION D'UN SERVICE DSL

(71) **CATENA NETWORKS, INC.** [US/US]; Suite 600, 303 Twin Dolphin Drive, Redwood Shores, CA 94065 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GODSE, Dhananjay** [CA/CA]; 21 Lismer Crescent, Kanata, Ontario K2K 1A3 (CA). **GAZIER, Michael** [CA/CA]; 30-C Benlea Drive, Nepean, Ontario K2G 4A8 (CA).

(74) **HAMILTON, Charles, L. et al.** / etc.; Townsend And Townsend And Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04L 12/413, 12/28

(11) WO 03/043270 (13) A1

(21) PCT/IB02/04452

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 01204345.1 14 Nov/nov 2001 EP (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CONTENTION TREE RESOLUTION IN A COMMUNICATION SYSTEM

• RESOLUTION DE CONFLITS DANS UN SYSTEME DE COMMUNICATION

(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) **NANDAGOPALAN, Sai, S.** [IN/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationale 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04L 12/43

(11) WO 03/043271 (13) A1

(21) PCT/US02/35560

- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) en (26) en
- (30) 60/344,473 9 Nov/nov 2001 US (09.11.2001)
- (30) 60/365,118 19 Mar/mar 2002 US (19.03.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • A MEANS AND A METHOD FOR SWITCHING DATA PACKETS OR FRAMES
• MOYEN ET PROCEDE POUR COMMUTER DES PAQUETS OU DES TRAMES DE DONNEES
- (71) VITESSE SEMICONDUCTOR COMPANY [US/US]; 741 Calle Plano, Camarillo, CA 93012 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HARREKILDE-PETERSEN, Kai [DK/SE]; Docentagatan 1B, S-215 52 Malmö (SE). NIELSEN, Peter, O. [DK/DK]; Frem 8, DK-2800 Lyngby (DK). TAGORE-BRAGE, Jens, P. [DK/DK]; Edvard Glaeselsvej 3, DK-2000 Frederiksberg (DK). THOMSEN, Bo, B. [DK/DK]; Virumvej 108A, DK-2830 Virum (DK). BAGGER, Oluf [DK/DK]; Godsbanegade 3, 4th, DK-1722 København V (DK).
- (74) CASTELLANO, John, A.; Harness, Dickey & Pierce, P.L.C., P.O. Box 8910, Reston, VA 20195 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OMPH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ H04L 12/54
- (11) WO 03/043272 (13) A1
- (21) PCT/US02/36278
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 60/350,611 13 Nov/nov 2001 US (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • OVERCOMING ACCESS LATENCY INEFFICIENCY IN MEMORIES FOR PACKET SWITCHED NETWORKS
• PROCEDE VISANT A REDUIRE LES TEMPS D'ATTENTE D'ACCES DANS DES MEMOIRES DE RESEAUX A COMMUTATION DE PAQUETS
- (63) US 60/350,611 (CON) 13 Nov/nov 2001 (13.11.2001)
- (71) TRANSWITCH CORPORATION [US/US]; 3 Enterprise Drive, Shelton, CT 06484 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DEFORCHE, Koen [BE/BE]; Boerenkrijglaan 8., B-8800 Roeselare (BE). VERBRUGGEN, Geert [BE/BE]; Akker-voor 4, B-1731 Zellik (BE). DE COSTER, Luc [BE/BE]; Bosstraat 79A, B-3060 Bertem (BE).
- (74) GORDON, David, et al. / etc.; 65 Woods End Road, Stamford, CT 06905 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OMPH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 12/56
- (11) WO 03/043273 (13) A1
- (21) PCT/IB02/03982
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 10/050,091 16 Nov/nov 2001 US (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SCHEDULER WITH FAIRNESS CONTROL AND QUALITY OF SERVICE SUPPORT
• ORDONNANCEUR AVEC SYSTEME DE CONTROLE D'EQUITE ET DE QUALITE DE SERVICE
- (71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred Nobel, St. Laurent, Quebec H4S 2A9 (CA).
- (72) AU, Kelvin, Kar-Kin; 409-1300 Pine Crest Road, Ottawa, Ontario K2C 3M5 (CA). SENARATH, Gamini; 46 Maple Stand Way, Nepean, Ontario K2G 6P5 (CA). CHEONG, Yoon, Chae; 294 Knudson Drive, Kanata, Ontario K2K 2P1 (CA). HUANG, Wei; 53 WestPointe Crescent, Nepean, Ontario K2G 5Y8 (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 OMPH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ H04L 12/56
- (11) WO 03/043274 (13) A1
- (21) PCT/JP01/09860
- (22) 12 Nov/nov 2001 (12.11.2001)
- (25) ja (26) ja
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • INTERNET COMMUNICATION METHOD
• PROCEDE DE COMMUNICATION PAR INTERNET
- (71, 72) TAKAHASHI, Yasuo [JP/JP]; 1-22-8-210, Takezono, Senriyama, Suita-City, Osaka 565-0852 (JP). TANIGUCHI, Tadashi [JP/JP]; 61-2-305, Kawazono-cho, Ichikawa, Suita-City, Osaka 564-0013 (JP).
- (81) AT CN ID IN JP KR LK RU SG 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 H04L 12/56
- (11) WO 03/043275 (13) A2
- (21) PCT/JP02/11459
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 0127340.8 14 Nov/nov 2001 GB (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DATA TRANSMISSION SYSTEM
• SYSTEME DE TRANSMISSION DE DONNEES
- (71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).
- (72) DOLWIN, Anthony, Craig; c/o Toshiba Research Europe Limited, 32, Queens Square, Bristol, Avon BS1 4ND (GB).
- (74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN JP.
-
- (51)⁷ H04L 12/56
- (11) WO 03/043276 (13) A1
- (21) PCT/JP02/11841
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) ja (26) ja
- (30) 2001-348030 13 Nov/nov 2001 JP (13.11.2001)
- (30) 2002-70292 14 Mar/mar 2002 JP (14.03.2002)
- (30) 2002-296647 9 Oct/oct 2002 JP (09.10.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROVIDER CONNECTION SYSTEM, PACKET EXCHANGE APPARATUS THEREOF, DNS SERVER, PACKET EXCHANGE METHOD, AND COMPUTER PROGRAM THEREOF
• SYSTEME DE CONNEXION D'UN FOURNISSEUR, SYSTEME D'ECHANGE DE DONNEES PAR PAQUETS, SERVEUR DE DNS, PROCEDE

D'ECHANGE DE DONNEES PAR PAQUETS, ET PROGRAMME D'ORDINATEUR ASSOCIE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-0000 (JP).
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(72, 75) ISHIIHARA, Tomohiro [JP/JP]; 749-1, Saedo-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0054 (JP). SUZUKI, Yoshihiro [JP/JP]; 18-32, Tamagawagakuen 1-chome, Machida-shi, Tokyo 194-0041 (JP). ISHIDA, Hiroshi [JP/JP]; 2-26-202, Tsunashima-Nishi 6-chome, Kohoku-ku, Yokohama-shi, Kanagawa 223-0053 (JP).

(74) NIHEI, Masayuki; 6th Tomizawa Bldg. 6F, 12-5, Yotsuya 2-chome, Shinjuku-ku, Tokyo 160-0004 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H04L 12/56, G10L 19/00, H04L 1/00

(11) WO 03/043277 (13) A1

(21) PCT/JP02/11905

(22) 15 Nov/nov 2002 (15.11.2002)

(25) ja (26) ja

(30) 2001-349967 15 Nov/nov 2001 JP (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ERROR CONCEALMENT APPARATUS AND METHOD

• APPAREIL ET PROCEDURE DE MASQUAGE D'ERREUR

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
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(72, 75) SATO, Masaki [JP/JP]; 2-16-18-202, Toudaijima, Urayasu-shi, Chiba 279-0001 (JP). CHIA, Pei Yen [MY/SG]; Block 865, Yishun Street 81, #12-09, 760865 Singapore (SG). TAN, Pek Yew [MY/SG]; Block 128, Yishun Street 11, #05-305, 760128 Singapore (SG).

(74) AOYAMA, Tamotsu et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shimomi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H04L 12/56, H04Q 7/38

(11) WO 03/043278 (13) A1

(21) PCT/SE02/02088

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 0103853-8 15 Nov/nov 2001 SE (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND SYSTEM OF RE-TRANSMISSION

• PROCEDURE ET SYSTEME DE RE-TRANSMISSION

(71) TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) [SE/SE]; S-126 25 STOCKHOLM (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SÅGFORS, Mats [FI/FI]; Ravalsvägen 8C 13, FIN-02400 Kyrkslätt (FI). PEISA, Janne [FI/FI]; Metsäpirtintie 12D17, FIN-02130 Espoo (FI). MEYER, Michael [DE/DE]; Grossheidstr. 27, 52080 Aachen (DE). LUDWIG, Reiner [US/DE]; Bergstr. 18, 52393 Huertgenwald (DE).

(74) MAGNUSSON, Monica; ERICSSON AB, Patent Unit Radio Networks, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/58, H04M 3/533

(11) WO 03/043279 (13) A2

(21) PCT/FR02/03868

(22) 12 Nov/nov 2002 (12.11.2002)

(25) fr (26) fr

(30) 01/14616 12 Nov/nov 2001 FR (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND SYSTEM FOR TRANSMITTING A MESSAGE VIA A TELECOMMUNICATION NETWORK

• PROCEDURE ET SYSTEME DE TRANSMISSION D'UN MESSAGE PAR L'INTERMEDIAIRE D'UN RESEAU DE TELECOMMUNICATIONS

(71) FRANCE TELECOM [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VACQUIE, Luc [FR/FR]; Bel Air, F-31380 Saint Jean l'Herm (FR). BERGE, Jean-Michel [FR/FR]; 2, allée du Saint-Eynard, F-38330 Saint Nazaire les Eymes (FR).

(74) BUREAU D.A. CASALONGA-JOSSE; 8, avenue Percier, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/64

(11) WO 03/043280 (13) A2

(21) PCT/US02/35867

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 10/002,522 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A METHOD FOR SENDING MULTIPLE VOICE CHANNELS OVER PACKET NETWORKS

• PROCEDURE D'ENVOI DE CANAUX VOCAUX MULTIPLES VIA DES RESEAUX A COMMUTATION DE PAQUETS

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) LEBIZAY, Gerald; 11-B Prospect Street, Madison, NJ 07940 (US). GISH, Dave; 6 Stratford Place, Riverdale, NJ 07457 (US). MITCHEL, Henry; 29 Almroth Drive, Wayne, NJ 07470 (US).

(74) MALLIE, Michael, J.; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 25/06, H03F 3/45

(11) WO 03/043281 (13) A1

(21) PCT/US02/35579

(22) 6 Nov/nov 2002 (06.11.2002)

(25) en (26) en

(30) 10/008,364 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SOFT-OUTPUT SLICER WITH DIFFERENTIAL DIFFERENCE AMPLIFIERS FOR BINARY SIGNALS

• FILTRE LIMITEUR DIFFERENTIEL POUR COMMUNICATION DE DONNEES

(71) NARAD NETWORKS, INC. [US/US]; 515 Groton Road, Westford, MA 01886 (US).

(72) WU, Miaochen; 36 Lexington Drive, Acton, MA 01720 (US).

(74) MEAGHER, Timothy, 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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04L 27/233

(11) WO 03/043282 (13) A1

(21) PCT/EP02/12712

(22) 13 Nov/nov 2002 (13.11.2002)

(25) de (26) de

(30) 01127242.4 16 Nov/nov 2001 EP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND SYSTEM FOR ESTIMATING FREQUENCY OFFSET FOR CARRIER-MODULATION DIGITAL COMMUNICATIONS SYSTEM

• PROCEDE ET SYSTEME D'ESTIMATION DE DECALAGE DE FREQUENCE POUR SYSTEMES DE COMMUNICATIONS NUMERIQUES A MODULATION DE PORTEUSE

(71) COM-RESEARCH GMBH SOLUTIONS FOR COMMUNICATION SYSTEMS [DE/DE]; Wiesengrundstrasse 4, 90765 Fürth (DE).

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(72, 75) MEYER, Raimund [DE/DE]; Wiesengrundstrasse 4, 90765 Fürth (DE). SCHOBBER, Robert [DE/DE]; Isarstrasse 6, 91052 Erlangen (DE). GERSTACKER, Wolfgang [DE/DE]; Winner Zeile 20, 90482 Nürnberg (DE).

(74) SCHURACK, Eduard; Balanstrasse 57, 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 27/34

(11) WO 03/043283 (13) A1

(21) PCT/CN01/01556

(22) 14 Nov/nov 2001 (14.11.2001)

(25) zh (26) zh

(43) 22 May/mai 2003 (22.05.2003)

(54) • A QUADRATURE AMPLITUDE MODULATION METHOD USED IN THE DIGITAL MOBILE COMMUNICATION SYSTEM

• PROCEDE DE MODULATION D'AMPLITUDE EN QUADRATURE UTILISE DANS UN SYSTEME DE COMMUNICATION MOBILE NUMERIQUE

(71) LINKAIR COMMUNICATIONS, INC. [US/US]; 2901 Tasman Drive, Suite 109, Santa Clara, CA 95054 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZOU, Yongzhong [CN/CN]; Room 908 Sinotrans Plaza, B.#A43 North Xizhimen Road, 100044 Beijing (CN). DONG, Jiangbo [CN/CN]; Room 908 Sinotrans Plaza, B.#A43 North Xizhimen Road, 100044 Beijing (CN).

(74) BEIJING SANYOU INTELLECTUAL PROPERTY AGENT LTD.; 40 North Sanhuanzhonglu Road, 100088 Beijing (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 TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU 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 03/043284 (13) A2

(21) PCT/US02/35709

(22) 6 Nov/nov 2002 (06.11.2002)

(25) en (26) en

(30) 10/012,681 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SLICER CIRCUIT WITH PING PONG SCHEME FOR DATA COMMUNICATION

• CIRCUIT LIMITEUR A FONCTIONNEMENT EN BASCULE POUR COMMUNICATION DE DONNEES

(71) NARAD NETWORKS, INC. [US/US]; 515 Groton Road, Westford, MA 01886 (US).

(72) GUPTA, Dev, Vrat; 356 Mattison Drive, Concord, MA 01742 (US). WU, Miaochen; 36 Lexington Drive, Acton, MA 01720 (US). ZHANG, Xiangdong; 52 Russell's Way, Westford, MA 01886 (US). YE, Wei; 23 Russell's Way, Westford, MA 01886 (US).

(74) MEAGHER, Timothy, 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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/00

(11) WO 03/043285 (13) A2

(21) PCT/US02/36282

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/333,608 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • FLOW CONTROL BETWEEN PERFORMANCE ENHANCING PROXIES OVER VARIABLE BANDWIDTH SPLIT LINKS

• REGULATION DE FLUX ENTRE DISPOSITIFS MANDATAIRES AMELIORANT LES PERFORMANCES SUR DES LIAISONS DIVISEES A BANDE PASSANTE VARIABLE

(71) EMS TECHNOLOGIES, INC. [US/US]; 2850 Colonnades Court NW, Norcross, GA 30071 (US).

(72) NEALE, Jason; 2850 Colonnades Court NW, Norcross, GA 30071 (US). PETHER, Andrew, M.; 2850 Colonnades Court NW, Norcross, GA 30071 (US). MOHSEN, Abdul-Kader; 2850 Colonnades Court NW, Norcross, GA 30071 (US). BEGIN, Guy; 2850 Colonnades Court NW, Norcross, GA 30071 (US).

(74) CROWSON, Celine, Jimenez et al. / etc.; Hogan & Hartson, L.L.P., 555 Thirteenth Street, N.W., 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06

(11) WO 03/043286 (13) A2

(21) PCT/GB02/04654

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) 2,361,861 13 Nov/nov 2001 CA (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • WIRELESS MESSAGING SERVICES USING PUBLISH/SUBSCRIBE SYSTEMS

• SERVICES DE MESSAGERIE SANS FIL UTILISANT DES SYSTEMES DE PUBLICATION/ABONNEMENT

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, NY 10504 (US).
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(71) **IBM UNITED KINGDOM LIMITED** [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
(only for / seulement pour MG)

(72, 75) **MAMAS, Evangelos** [CA/CA]; 1 Weldon Court, Toronto, Ontario M6L 1V4 (CA).

(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 CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06

(11) WO 03/043287 (13) A1

(21) PCT/GB02/05143

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 0127416.6 15 Nov/nov 2001 GB (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INTERNET ACCESS SYSTEM AND METHOD

• SYSTEME ET PROCEDURE D'ACCES A INTERNET

(71) **SERENDIPITY INTERACTIVE LTD** [GB/GB]; 30 the Foregate, Kilmarnock, Ayrshire KA1 1LU (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARNOT, Stephen** [GB/GB]; c/o Serendipity Interactive Ltd, 30 The Foregate, Kilmarnock, Ayrshire KA1 1LU (GB).

(74) **KENNEDYS PATENT AGENCY LIMITED**; Floor 5 Queens House, 29 St. Vincent Place, Glasgow G1 2DT (GB).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 29/06

(11) WO 03/043288 (13) A1

(21) PCT/US02/36217

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/333,608 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ENHANCEMENTS FOR TCP PERFORMANCE ENHANCING PROXIES

• AMELIORATION DE SERVEURS MANDATAIRES AMELIORANT LES PERFORMANCES TCP

(71) **EMS TECHNOLOGIES, INC.** [US/US]; 2850 Colonnades Court NW, Norcross, GA 30071 (US).

(72) **NEALE, Jason**; 2850 Colonnades Court NW, Norcross, GA 30071 (US). **PETHER, Andrew, M.**; 2850 Colonnades Court NW, Norcross, GA 30071 (US). **MOHSEN, Abdul-Kader**; 2850 Colonnades Court NW, Norcross, GA 30071 (US). **BEGIN, Guy**; 2850 Colonnades Court NW, Norcross, GA 30071 (US).

(74) **CROWSON, Celine, Jimenez et al.** / etc.; Hogan & Hartson L.L.P., 555 Thirteenth Street, N.W., Washington, D.C. 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04L 29/06

(11) WO 03/043289 (13) A2

(21) PCT/US02/36219

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/333,608 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PERFORMANCE ENHANCING PROXY TECHNIQUES FOR INTERNET PROTOCOL TRAFFIC

• TECHNIQUES DE SERVEURS MANDATAIRES AMELIORANT LES PERFORMANCES POUR TRAFIC DE PROTOCOLES INTERNET

(71) **EMS TECHNOLOGIES, INC.** [US/US]; 2850 Colonnades Court NW, Norcross, GA 30071 (US).

(72) **NEALE, Jason**; 2850 Colonnades Court NW, Norcross, GA 30071 (US). **PETHER, Andrew, M.**; 2850 Colonnades Court NW, Norcross, GA 30071 (US). **MOHSEN, Abdul-Kader**; 2850 Colonnades Court NW, Norcross, GA 30071 (US). **BEGIN, Guy**; 2850 Colonnades Court NW, Norcross, GA 30071 (US).

(74) **CROWSON, Celine, Jimenez et al.** / etc.; Hogan & Hartson L.L.P., 555 Thirteenth Street, N.W., 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06

(11) WO 03/043290 (13) A2

(21) PCT/US02/36571

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 10/003,016 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PROXY NETWORK LAYER PROTOCOL SUPPORT IN A WIRELESS COMMUNICATION NETWORK

• SUPPORT DE PROTOCOLE DE COUCHE RESEAU MANDATAIRE DANS UN RESEAU DE COMMUNICATION SANS FIL

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) **LIOY, Marcello**; 7588 Charmant Drive, #1924, San Diego, CA 92122 (US).

(74) **WADSWORTH, Philip, R. et al.** / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06

(11) WO 03/043291 (13) A2

(21) PCT/US02/36640

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 10/010,587 13 Nov/nov 2001 US
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM FOR PROVIDING ONLINE SERVICE REPORTS

• SYSTEME PERMETTANT DE DELIVRER DES COMPTES-RENDUS DE SERVICES EN LIGNE

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) WOLFE, Chris, A.; P.O. Box 8030, Rancho Santa Fe, CA 92067 (US). CHOW, Catherine; 510 Stratford Court, #210B, Del Mar, CA 92014 (US). HARVEY, John; 6962 Enders Avenue, San Diego, CA 92122 (US). WALTERS, John; 5040 Gaylord Drive, San Diego, CA 92117 (US). HEIL, Mark; 2002 Cordero Road, Del Mar, CA 92014 (US). ERLANDSON, Peggy, A.; 4461 Paola Way, San Diego, CA 92117 (US). RASSENTI, Joe; 4950 Beauchamp Court, San Diego, CA 92130 (US). YASHPAL, Vikram; 7986 Paseo Membrillo, Carlsbad, CA 92009 (US).

(74) WADSWORTH, Philip, R. et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/12

(11) WO 03/043292 (13) A2

(21) PCT/EP02/13205

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 014 02 897.1 12 Nov/nov 2001 EP
(12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR ALLOCATING A NON-DATA DEVICE TO A VOICE VLAN OBJECT OF THE INVENTION

• PROCEDE D'ATTRIBUTION D'UN DISPOSITIF NE COMPORTANT PAS DE DONNEES A UN OBJET DE RESEAU LOCAL VIRTUEL (VLAN) DE L'INVENTION

(71) ALCATEL [FR/FR]; 54, rue La Boétie, F-75008 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BASTIDE, Patrick [FR/FR]; 5 bis, rue Cardon, F-78380 Bougival (FR). BOULLET, Marc [FR/FR]; 35 avenue Henri Barbusse, F-92700 Colombes (FR).

(74) SCIAUX, Edmond et al. / etc.; Compagnie Financière Alcatel - DPL, 5, rue Noël Pons, F-92734 Nanterre 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04M 1/00, 9/00

(11) WO 03/043293 (13) A1

(21) PCT/US02/36891

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 2,361,967 14 Nov/nov 2001 CA
(14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM AND METHOD FOR REDUCING POWER DISSIPATION FOR DSL CIRCUITS

• SYSTEME ET PROCEDE DE REDUCTION DE LA DISSIPATION DE PUISSANCE DESTINES A DES CIRCUITS DE LIGNES D'ABONNES NUMERIQUES

(71) CATENA NETWORKS, INC. [US/US]; 303 Twin Dolphin Drive, Suite 600, Redwood Shores, CA 94065 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOLKA, Kevin [CA/CA]; 78 Leacock Drive, Kanata, Ontario K2K 2A8 (CA).

(74) HAMILTON, Charles, L. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04M 1/02, G06F 1/16

(11) WO 03/043294 (13) A1

(21) PCT/EP02/12898

(22) 18 Nov/nov 2002 (18.11.2002)

(25) de (26) de

(30) 201 18 593.8 16 Nov/nov 2001 DE
(16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MULTIFUNCTIONAL COMMUNICATIONS DEVICE

• APPAREIL DE COMMUNICATION MULTIFONCTIONS

(71, 72) JAHN, Hartmut [DE/DE]; Rhönblickweg 29, 36093 Künzell (DE). TRABERT, Michael [DE/DE]; Reulbacher Strasse 6, 36115 Hilders (Brand) (DE).

(74) STOFFREGEN, Hans-Herbert; Friedrich-Ebert-Anlage 11b, 63450 Hanau (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04M 1/02

(11) WO 03/043295 (13) A1

(21) PCT/JP02/06643

(22) 1 Jul/juil 2002 (01.07.2002)

(25) ja (26) ja

(30) 2001-322540 19 Oct/oct 2001 JP
(19.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MOBILE TELEPHONE

• TELEPHONE MOBILE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-0050 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOSHIDA, Mamoru [JP/JP]; 2-25-5, Nagasawa, Yokosuka-shi, Kanagawa 239-0842 (JP). ABE, Tsutomu [JP/JP]; 1-1-1-309, Shimoshinjo, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0042 (JP). KUBO, Tetsuya [JP/JP]; 7-6-36-102, Kikuna, Kouhoku-ku, Yokohama-shi, Kanagawa 222-0011 (JP). YANASHIMA, Toru [JP/JP]; 5-29-4-208, Hiyoshi, Kouhoku-ku, Yokohama-shi, Kanagawa 223-0061 (JP). KITAMURA, Toshiyasu [JP/JP]; 1-19-1-107, Kamenokou, Kakegawa-shi, Shizuoka 436-0028 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H04M 1/15
(11) WO 03/043296 (13) A1
(21) PCT/SE02/02038
(22) 7 Nov/nov 2002 (07.11.2002)
(25) en (26) en
(30) 0103743-1 12 Nov/nov 2001 SE (12.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • CABLE WINDER FOR A TELEPHONE SET
• ENROULEUR DE CABLE POUR COMBINE TELEPHONIQUE
(71, 72) BLANCK, Thomas [SE/SE]; ., Bågvägen 31, S-167 65 Bromma (SE).
(74) GROTH & CO KB et al. / etc.; Box 6107, S-102 32 Stockholm (SE).
(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ H04M 3/00
(11) WO 03/043297 (13) A2
(21) PCT/ES01/00439
(22) 16 Nov/nov 2001 (16.11.2001)
(25) es (26) es
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD OF INTERCONNECTING SITES FOR THE EXCHANGE OF DATA
• PROCEDE D'INTERCONNEXION DE SITES POUR L'ECHANGE DE DONNEES
(71, 72) CORTES SERRA, Luis Ignacio [ES/ES]; Calle Llacuna, 162, E-08018 Barcelona (ES).
(74) PONTI SALES, Adelaida et al. / etc.; Consell de Cent, 322, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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).

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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 H04M 3/30, 3/22, H04B 3/46

- (11) WO 03/043298 (13) A1
(21) PCT/CH01/00677
(22) 16 Nov/nov 2001 (16.11.2001)
(25) de (26) de
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD AND SYSTEM FOR CLASSIFYING NETWORK CONNECTIONS
• PROCÉDÉ ET SYSTÈME POUR LA CLASSIFICATION DE LIAISONS RÉSEAU
(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) PYTHOUD, Frédéric [CH/CH]; Châtelet 3, CH-1700 Fribourg (CH).
SCHENKER, Rolf [CH/CH]; Mattenstrasse 23, CH-3073 Gümliigen (CH).
FRIEDERICH, Hans [CH/CH]; Mattenweg, CH-3068 Utzigen (CH).

(74) BOVARD AG; Optingenstr. 16, CH-3000 Bern 25 (CH).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04M 3/42

- (11) WO 03/043299 (13) A1
(21) PCT/US01/29977
(22) 24 Sep/sep 2001 (24.09.2001)
(25) en (26) en
(30) 60/234,861 22 Sep/sep 2000 US (22.09.2000)

- (43) 22 May/mai 2003 (22.05.2003)
(54) • SYSTEM AND METHOD FOR TELEPHONY CALL CONTROL
• SYSTÈME ET PROCEDE DE GESTION D'APPELS TELEPHONIQUE
(71) SANTERA SYSTEMS INC [US/US]; 3605 East Plano Parkway, Plano, TX 75074 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) WAH, Allen C., [US/US]; 4001 Clark Parkway, Plano, TX 75093 (US).
VU, Joe Q., [US/US]; 7721 Cherry Creek Drive, Plano, TX 75025 (US).
ROSEN, Eliot B., [US/US]; 2128 McDaniel Circle, Plano, TX 75075 (US).
CAIN, Thomas A., [US/US]; 6905 Sweetwater Drive, Plano, TX 75023 (US).
PERRY, Matthew C., [US/US]; 3113 Copper Creek Drive, Plano, TX 75075 (US).
(74) JEANG, Wei Wei et al. / etc.; Munsch Hardt Kopf & Harr, P.C., 1445 Ross Avenue, Suite 4000, Dallas, TX 75202-2790 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK 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 H04M 3/493, G07C 15/00, A63F 3/08, H04M 3/36
(11) WO 03/043300 (13) A1
(21) PCT/EP02/01904
(22) 22 Feb/fév 2002 (22.02.2002)
(25) de (26) de
(30) 201 18 442.7 14 Nov/nov 2001 DE (14.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • TELEPHONE DIALOGUE SYSTEM COMPRISING A PROFIT GAME BASED ON THE NUMBER OF INCOMING CALLS
• SYSTÈME DE DIALOGUE TELEPHONIQUE AVEC JEU A GAINS BASE SUR LE NOMBRE DES APPELS ENTRANTS
(71) PLAYFACT GMBH [DE/DE]; Mozartstr. 19, 41061 Mönchengladbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BIELA, Jurek [DE/DE]; Mozartstr. 19, 41061 Mönchengladbach (DE).
(74) BONSMANN, Manfred et al. / etc.; Kaldenkirchener Str. 35a, 41063 Mönchengladbach (DE).
(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SD SE SG SI SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU 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 3/56

(11) WO 03/043301 (13) A2

(21) PCT/US02/35673

(22) 6 Nov/nov 2002 (06.11.2002)

(25) en (26) en

(30) 60/337,404 10 Nov/nov 2001 US
(10.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • HANDHELD WIRELESS CONFER-
ENCING TECHNOLOGY
• TECHNOLOGIE DE TELECONFÉ-
RENCE SANS FIL MOBILE

(71) MOBILITY ELECTRONICS, INC.
[US/US]; 7955 E. Redfield Road, Scotts-
dale, AZ 85260 (US).

(72) MUSA, Jeff; 5913 Westmont Dr., Plano, TX
75093 (US).

(74) KLINGER, Robert, C.; Jackson Walker
L.L.P., 2435 N. Central Expressway, #600,
Richardson, TX 75080 (US).

(81) 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 GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ PH PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UZ
VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 11/00, 15/16, 3/42, 3/00, H04L
12/66

(11) WO 03/043302 (13) A1

(21) PCT/JP01/09859

(22) 12 Nov/nov 2001 (12.11.2001)

(25) ja (26) ja

(43) 22 May/mai 2003 (22.05.2003)

(54) • COMMUNICATION METHOD AND
COMMUNICATION SYSTEM
• PROCEDE DE COMMUNICATION ET
SYSTEME DE COMMUNICATION

(71, 72) TAKAHASHI, Yasuo [JP/JP];
1-22-8-210, Takezono, Senriyama,
Suita-City, Osaka 565-0852 (JP).

(81) AU CN ID IN JP KR LK RU SG 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 H04N

(11) WO 03/043303 (13) A2

(21) PCT/FR02/03800

(22) 6 Nov/nov 2002 (06.11.2002)

(25) fr (26) fr

(30) 01/14752 13 Nov/nov 2001 FR
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • RECONFIGURATION OF PRO-
GRAMMABLE COMPONENTS IN
AN ELECTRONIC APPARATUS
• RECONFIGURATION DE COMPO-
SANTS PROGRAMMABLES DANS UN
APPAREIL ELECTRONIQUE

(71) FRANCE TELECOM [FR/FR]; 6, place
d'Alleray, F-75015 Paris (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MISCOPEIN, Benoît [FR/FR]; 12, rue
de Paris, F-38000 Grenoble (FR). BATUT,
Eric [FR/FR]; 135, avenue Maurice Thorez,
F-38220 Vizille (FR).

(74) CABINET MARTINET & LAPOUX;
43, boulevard Vauban, BP 405 Guyancourt,
F-78055 St Quentin Yvelines 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 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 TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(t) for the following designation / pour la
désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ H04N

(11) WO 03/043304 (13) A2

(21) PCT/FR02/03860

(22) 12 Nov/nov 2002 (12.11.2002)

(25) fr (26) fr

(30) 01/14638 13 Nov/nov 2001 FR
(13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR PROVIDING FIXED OR
ANIMATED IMAGES WITH ACCESS
CONTROL

• PROCEDE DE FOURNITURE
D'IMAGES FIXES OU ANIMEES AVEC
CONTROLE D'ACCES

(71) FRANCE TELECOM [FR/FR]; 6, place
d'Alleray, F-75015 Paris (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MORLET, Jean-Noël [FR/FR]; 29, rue
de l'Hermitage, F-35650 Le Rheu (FR).

(74) DU BOISBAUDRY, Dominique; c/o
Brevalex, 3, rue du Docteur Lancereaux,
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 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 SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N

(11) WO 03/043305 (13) A2

(21) PCT/US02/35818

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(30) 60/345,067 9 Nov/nov 2001 US
(09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • IMAGE CAPTURE DEVICE WITH
MULTIPLE PROTOCOL WIRELESS
TRANSMISSION

• DISPOSITIF DE CAPTURE D'IMAGES
A TRANSMISSION SANS FIL UTILI-
SANT PLUSIEURS TYPES DE PROTO-
COLES

(71) CONCORD CAMERA CORP. [US/US];
Suite 650N, 4000 Hollywood Boulevard,
Hollywood, FL 33021 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ZANGRANDE, Giovanni [IT/US]; 808
SE 8th Street, Ft. Lauderdale, FL 33316 (US).
FLYNN, Joseph [CA/US]; Apt. 814, 2107
SE 10th Ave., Ft. Lauderdale, FL 33316 (US).

(74) SISSELMAN, Kerry et al. / etc.; c/o Con-
cord Camera Corp., Suite 650N, 4000 Holly-
wood Blvd., Hollywood, FL 33021 (US).

(81) AE AG AL AM 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 TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

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 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 TN TR TT TZ UA UG UZ VC VN
YU ZA ZM ZW AP (GH GM KE LS MW MZ SD
SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD
RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE
ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(t) for all designations / pour toutes les
désignations

(u) for / pour US only / seulement

- (51)⁷ H04N 1/46, 1/60, G06T 1/00, G06F 3/12, B41J 2/525
(11) WO 03/043306 (13) A1
(21) PCT/JP02/11756
(22) 12 Nov/nov 2002 (12.11.2002)
(25) ja (26) ja
(30) 2001-347665 13 Nov/nov 2001 JP (13.11.2001)
(30) 2002-3231 10 Jan/jan 2002 JP (10.01.2002)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • COLOR CONVERSION DEVICE, COLOR CONVERSION METHOD, COLOR CHANGE PROGRAM AND RECORDING MEDIUM
• DISPOSITIF ET PROCEDE DE CONVERSION DE COULEURS, PROGRAMME DE MODIFICATION DE COULEURS ET SUPPORT 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) ZHOU, Shixin [CN/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). FUJIMORI, Yukimitsu [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). KAKUTANI, Toshiaki [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). YOSHIZAWA, Koichi [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) YOKOI, Toshiyuki; Yokoi Naigaikoku Tokkyo Jimusho, 1-27, Kurumada-cho, Showa-ku, Nagoya-shi, Aichi 466-0001 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ H04N 1/60, 1/46, G06T 1/00, 5/00

- (11) WO 03/043307 (13) A1
(21) PCT/JP02/11736
(22) 11 Nov/nov 2002 (11.11.2002)
(25) ja (26) ja
(30) 2001-350523 15 Nov/nov 2001 JP (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • IMAGE INFORMATION TRANSMISSION METHOD AND IMAGE INFORMATION PROCESSING APPARATUS
• PROCEDE DE TRANSMISSION D'INFORMATIONS D'IMAGE ET APPAREIL DE TRAITEMENT D'INFORMATIONS D'IMAGE

(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) ISHIGAMI, Koichiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KATO, Naoya [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) KOIKE, Akira et al. / etc.; 11th Floor, Yamato Seimei Bldg., 1-7, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(81) CN KR SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H04N 3/00

- (11) WO 03/043308 (13) A2
(21) PCT/IB02/04453
(22) 24 Oct/oct 2002 (24.10.2002)
(25) en (26) en
(30) 01204333.7 13 Nov/nov 2001 EP (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • METHOD FOR DERIVING A CALIBRATION AND METHOD FOR IMAGE PROCESSING

• PROCEDE DE DERIVATION D'UN CALIBRAGE ET PROCEDE DE TRAITEMENT DES IMAGES

(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) CHENG, Tzu-Hung [—/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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG TZ MW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 3/223

- (11) WO 03/043309 (13) A1
(21) PCT/JP02/11434
(22) 1 Nov/nov 2002 (01.11.2002)
(25) ja (26) ja
(30) 2001-345590 12 Nov/nov 2001 JP (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

- (54) • VERTICAL/HORIZONTAL AMPLITUDE CONTROLLER
• UNITE DE COMMANDE D'AMPLITUDE VERTICALE/HORIZONTALE

(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) MORIBE, Hiroshi [JP/JP]; 6-13, Ichigaya-cho, Nishinomiya-shi, Hyogo 662-0873 (JP). TAKETANI, Nobuo [JP/JP]; 1-12-9-103, Terahata, Kawanishi-shi, Hyogo 666-0034 (JP). SHIBUTANI, Ryuichi [JP/JP]; 2-5-22, Kosobe-cho, Takatsuki-shi, Osaka 569-1115 (JP). TAKESHIMA, Masahiro [JP/JP]; 3-15-103-502, Kamihamuro, Takatsuki-shi, Osaka 569-1044 (JP). MORITA, Hisao [JP/JP]; 1-8-10-603, Deguchi, Hirakata-shi, Osaka 573-0065 (JP). ANDO, Hiroshi [JP/JP]; 2-1-5-207, Shirakawa, Ibaraki-shi, Osaka 567-0832 (JP). MATSUHIRA, Koji [JP/JP]; 7-1-301, Miyano-cho, Takatsuki-shi, Osaka 569-0081 (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 JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (a)

(51)⁷ H04N 5/00, 7/16

- (11) WO 03/043310 (13) A1
(21) PCT/US01/29818
(22) 25 Sep/sep 2001 (25.09.2001)
(25) en (26) en
(43) 22 May/mai 2003 (22.05.2003)

(54) • CA SYSTEM FOR BROADCAST DTV USING MULTIPLE KEYS FOR DIFFERENT SERVICE PROVIDERS AND SERVICE AREAS

• SYSTEME CA (D'ACCES CONDITIONNEL) POUR TELEVISION NUMERIQUE FAISANT INTERVENIR PLUSIEURS CLES POUR DES FOURNISSEURS DE SERVICES ET DES ZONES DE SERVICES DIFFERENTS

(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) ESKICIOGLU, Ahmet, Mursit [TR/US]; 8235 Lakeshore Trail, Apt. #125, Indianapolis, IN 46250-4607 (US). DUFFIELD, David, Jay [US/US]; 5449 Fall Creek Road, Indianapolis, IN 46220 (US). BEYERS, Billy, Wesley, Jr. [US/US]; 1075 Arrow Wood Drive, Carmel, IN 46033-9046 (US). DEISS, Michael, Scott [US/US]; 1103 Indian Pipe Lane, Zionsville, IN 46077 (US). VIRAG, David, Emery [US/US]; 7485 Cherry Hill Drive, Indianapolis, IN 46254-9769 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK 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 H04N 5/222

(11) WO 03/043311 (13) A1

(21) PCT/IB02/04399

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 10/014,190 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • IDENTIFICATION AND EVALUATION OF AUDIENCE EXPOSURE TO LOGOS IN A BROADCAST EVENT

• IDENTIFICATION ET EVALUATION DE L'EXPOSITION DE L'AUDIENCE A DES LOGOS DANS LE CADRE D'UN EVENEMENT TELEVISUE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) COHEN-SOLAL, Eric; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). PHILOMIN, Vasanth; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GRAVENDEEL, Cornelis; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/222, G11B 33/02

(11) WO 03/043312 (13) A1

(21) PCT/JP01/09912

(22) 13 Nov/nov 2001 (13.11.2001)

(25) ja (26) ja

(43) 22 May/mai 2003 (22.05.2003)

(54) • PANEL DEVICE FOR VIDEO

• DISPOSITIF A PANNEAU POUR VIDEO

(71) LEADER ELECTRONICS CORP. [JP/JP]; 6-33, Tsunashima Higashi 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 223-8505 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAMAGAWA, Ken [JP/JP]; c/o Leader Electronics Corp., 6-33, Tsunashima Higashi 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 223-8505 (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) CA CN JP KR US.

(84) EP (DE DK FR GB NL).

(51)⁷ H04N 5/222, H04H 7/00

(11) WO 03/043313 (13) A1

(21) PCT/JP01/09913

(22) 13 Nov/nov 2001 (13.11.2001)

(25) ja (26) ja

(43) 22 May/mai 2003 (22.05.2003)

(54) • VIDEO SLOT DEVICE

• DISPOSITIF A FENTE VIDEO

(71) LEADER ELECTRONICS CORP. [JP/JP]; 6-33, Tsunashima Higashi 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 223-8505 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARA, Tomomi [JP/JP]; c/o Leader Electronics Corp., 6-33, Tsunashima Higashi 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 223-8505 (JP). SHIGETA, Toshiya [JP/JP]; c/o Leader Electronics Corp., 6-33, Tsunashima Higashi 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 223-8505 (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) CA CN JP KR US.

(84) EP (DE DK FR GB NL).

(51)⁷ H04N 5/225, 5/91, 5/92, 7/01

(11) WO 03/043314 (13) A1

(21) PCT/JP02/11723

(22) 11 Nov/nov 2002 (11.11.2002)

(25) ja (26) ja

(30) 2001/345822 12 Nov/nov 2001 JP (12.11.2001)

(30) 2001/347189 13 Nov/nov 2001 JP (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • IMAGE PICKUP APPARATUS

• APPAREIL DE RECUEILLEMENT D'IMAGES

(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) NAKASE, Hiromi [JP/JP]; 26-10-207, Shimoshinjou 5-chome, Higashi-yodogawa-ku, Osaka-shi, Osaka 533-0021 (JP). TAKEMOTO, Shinji [JP/JP]; 3-201, Myoukenzaka 3-chome, Katano-shi, Osaka 576-0021 (JP). SHIMAMURA, Yukio [JP/JP]; 2-16, Nishimakino 3-chome, Hirakata-shi, Osaka 573-1148 (JP). NODA, Akiyuki [JP/JP]; 481-16, Suna, Shionawate-shi, Osaka 575-0001 (JP). TAGUCHI, Katsuyuki [JP/JP]; 20-1-1124, Higashinakaburi 2-chome, Hirakata-shi, Osaka 573-0093 (JP).

(74) OKADA, Kazuhide; Chiyoda Bldg. Kitakan, 13-38, Naniwa-cho, Kita-ku, Osaka-shi, Osaka 530-0022 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H04N 5/225

(11) WO 03/043315 (13) A1

(21) PCT/US02/24563

(22) 2 Aug/août 2002 (02.08.2002)

(25) en (26) en

(30) 09/993,023 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS FOR PROVIDING AUTOMATIC ACCESS TO IMAGES CAPTURED AT DIVERSE RECREATIONAL VENUES

• PROCEDE ET DISPOSITIF PERMETTANT D'ACCEDER AUTOMATIQUEMENT A DES IMAGES PRISES SUR DIFFERENTS SITES DE LOISIRS

(71) TABULA RASA [US/US]; 12680 High Bluff Drive, Suite 200, San Diego, CA 92130 (US).

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(74) UBELL, Franklin; Brobeck, Phleger & Harrison, 12390 El Camino Real, San Diego, CA 92130 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/33, 5/225

(11) WO 03/043316 (13) A1

(21) PCT/CA02/01749

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 09/987,498 15 Nov/nov 2001 US (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • DUAL CAMERA SURVEILLANCE AND CONTROL SYSTEM

• SYSTEME DE SURVEILLANCE ET DE COMMANDE A CAMERA DOUBLE

(71, 72) GIN, J., M., Jack [CA/CA]; 5498 Moreland Drive, Burnaby, British Columbia V5G 1Z8 (CA).

(74) **GORNALL, Paul, D.**; The Marine Building, 1820 - 355 Burrard Street, Vancouver, British Columbia V6C 2G8 (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04N 5/335, A61B 6/00

(11) WO 03/043317 (13) A1

(21) PCT/JP02/11301

(22) 30 Oct/oct 2002 (30.10.2002)

(25) ja (26) ja

(30) 2001-350603 15 Nov/nov 2001 JP (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • IMAGE SENSOR AND IMAGING SYSTEM COMPRISING THE IMAGE SENSOR

• DETECTEUR D'IMAGES ET SYSTEME D'IMAGERIE CONTENANT LEDIT DETECTEUR

(71) **HAMAMATSU PHOTONICS K.K.** [JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).

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(72, 75) **MIYAGUCHI, Kazuhisa** [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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/445

(11) WO 03/043318 (13) A1

(21) PCT/IB02/04548

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 09/985,307 2 Nov/nov 2001 US (02.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PROGRAM GUIDE DATA SELECTION DEVICE

• DISPOSITIF DE SELECTION DE DONNEES D'UN GUIDE DE PROGRAMMES

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(72) **SEGERBERG, Tomas**; Medevivagen 43C, S-59133 Motala (SE). **BERNHARDSON, Marcus**; Vastras vagen 10, S-58234 Linköping (SE).

(74) **READ, Matthew et al.** / etc.; Venner, Shipley & Co., 20 Little Britain, London EC1A 7DH (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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/50

(11) WO 03/043319 (13) A1

(21) PCT/KR02/02115

(22) 12 Nov/nov 2002 (12.11.2002)

(25) ko (26) en

(30) 2001/70358 13 Nov/nov 2001 KR (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • RF SYSTEM INTEGRATED WITH RF SWITCH AND RF MODULATION

• SYSTEME DE FREQUENCE RADIOELECTRIQUE INTEGRE AVEC UN COMMUTATEUR DE FREQUENCE RADIOELECTRIQUE ET UNE MODULATION DE FREQUENCE RADIOELECTRIQUE

(71) **LG INNOTEK CO., LTD** [KR/KR]; 14th Fl. Hansol Bldg., 736-1, Yoksam-dong, Kangnam-gu, 135-983 Seoul (KR).

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(72, 75) **OH, Duck-Su** [KR/KR]; Mirabo-Apt. 102-505, Unam-dong, Buk-gu, 500-170 Gwangju (KR). **KIM, Yong-Kyu** [KR/KR]; Geumgang-Apt. 103-702, Songjung-dong, Gwangsan-gu, 506-010 Gwangju (KR).

(74) **HAW, Yong-Noke**; 8th Fl. Songchon Bldg., 642-15 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/76

(11) WO 03/043320 (13) A2

(21) PCT/GB02/05109

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 0127234.3 13 Nov/nov 2001 GB (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • IMPROVEMENTS IN RECEIVERS FOR TELEVISION SIGNALS

• AMELIORATIONS APPORTEES A DES RECEPTEURS DE SIGNAUX DE TELEVISION

(71) **BRITISH SKY BROADCASTING LTD.** [GB/GB]; Grant Way, Isleworth, Middlesex TW7 5QD (GB).

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(72, 75) **WILLAME, Xavier** [BE/GB]; 98/10 Amyand Park Road, Twickenham, Middlesex TW1 3HH (GB). **BODKIN, Nigel** [GB/GB]; 26 Dedworth Road, Windsor, Berkshire SL4 5AY (GB). **JAMES, Nicholas** [GB/GB]; British Sky Broadcasting Limited, Grant Way, Isleworth, Middlesex TW7 5QD (GB). **COLLINS, Ellen, Fiona** [GB/GB]; 8 Arlington Road, Twickenham, Middlesex TW1 2BG (GB). **FREEMAN, Benjamin, Johnathan** [GB/GB]; 4 Beech House, Ancliffe Green, Henley on Thames RG9 1UL (GB). **SULLIVAN, Brian, Francis** [GB/GB]; 27 Princes Road, Richmond, Surrey TW10 6DQ (GB).

(74) **CROSS, James, P., A.**; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/76

(11) WO 03/043321 (13) A1

(21) PCT/US02/35958

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 60/337,565 10 Nov/nov 2001 US (10.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • VIDEO RECORDING SYSTEM AND METHOD FOR A PLURALITY OF INDIVIDUAL USERS AND CATEGORIES OF USERS

• SYSTEME ET PROCEDURE D'ENREGISTREMENT VIDEO POUR UNE PLURALITE D'UTILISATEURS INDIVIDUELS

ET POUR DES CATEGORIES D'UTILISATEURS

- (71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai Le Gallo, F-92648 Boulogne (FR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BOYCE, MAC DONALD, Jill [US/US]; 3 Brandyvine Court, Manalapan, NJ 07726 (US). COOPER, Jeffrey, Allen [US/US]; 11 Toth Lane, Rocky Hill, NJ 08553 (US).
- (74) TRIPOLI, Joseph, S. et al. / etc.; c/o THOMSON multimedia Licensing Inc., Two Independence Way, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/00

- (11) WO 03/043322 (13) A2
- (21) PCT/US02/35992
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 09/991,083 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • REMOTE RE-CREATION OF DATA IN A TELEVISION SYSTEM
• RECONSTITUTION DE DONNEES A DISTANCE DANS UN SYSTEME DE TELEVISION
- (71) OPENTV, CORP. [US/US]; 401 East Middlefield Road, Mountain View, CA 94043 (US).
- (72) DUREAU, Vincent; 3519 South Court, Palo Alto, CA 94306 (US). KIM, Patty; 655 Donahue Drive, Milpitas, CA 95035 (US). COLLETTE, Michael; 328 Genoa Drive, Redwood Shores, CA 94065 (US).
- (74) CONLEY, ROSE & TAYON, P.C.; RANKIN, Rory D., 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H04N 7/12
- (11) WO 03/043323 (13) A1
- (21) PCT/US02/36221
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 10/003,128 14 Nov/nov 2001 US (14.11.2001)
- (30) 60/331,982 20 Nov/nov 2001 US (20.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • USING DIGITAL TELEVISION BROADCAST SIGNALS TO PROVIDE GPS AIDING INFORMATION
• UTILISATION DE SIGNAUX DE TELEVISION NUMERIQUE PERMETTANT D'OBTENIR DES INFORMATIONS D'ASSISTANCE DE GPS
- (71) ROSUM CORPORATION [US/US]; Suite 100, 1450 Veterans Blvd., Redwood City, CA 94063 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) RABINOWITZ, Matthew [ZA/US]; 130 Golden Hills Road, Portola Valley, CA 94208 (US). SPILKER, James, J., Jr. [US/US]; 85 Roan Place, Woodside, CA 94062 (US). OMURA, Jimmy, K. [US/US]; 601 4th Street, Unit 123, San Francisco, CA 94107 (US). PIERCE, Matthew, D. [US/US]; 947 Hayes St., San Francisco, CA 94107 (US).

- (74) DUNNING, Richard, A., Jr.; Law Office of Richard A. Dunning, Jr., Suite 311, 343 Soquel Avenue, Santa Cruz, CA 95062 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04N 7/14, 7/15

- (11) WO 03/043324 (13) A1
- (21) PCT/FR02/03864
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) fr (26) fr
- (30) 01/14572 12 Nov/nov 2001 FR (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • MODULAR AUDIO-VISUAL SYSTEM TO BRING TOGETHER A LOCAL SCENE AND A REMOTE SCENE
• SYSTEME AUDIOVISUEL MODULAIRES POUR METTRE EN PRESENCE UNE SCENE LOCALE ET UNE SCENE DISTANTE
- (71) FRANCE TELECOM [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).

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- (72, 75) BUCHNER, Georges [FR/FR]; 34, rue de Picpus, F-75012 Paris (FR). EMERIT, Marc [FR/FR]; 18, rue Porzou, F-22200 Guingamp (FR). THOMAS, Jean-Philippe [FR/FR]; 8, rue de Kergall, F-22660 Treveu Treguignec (FR). LEYRELOUP, Alain [FR/FR]; 107, avenue de Verdun, F-92130 Issy-les-Moulineaux (FR).
- (74) SOMNIER, Jean-Louis et al. / etc.; Cabinet Ballot, 122, rue Edouard Vaillant, F-92593 Levallois Perret 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement(51)⁷ H04N 7/14, 5/232, 5/225, A44B 21/00, A47H 1/10

- (11) WO 03/043325 (13) A1
- (21) PCT/US02/21613
- (22) 9 Jul/juil 2002 (09.07.2002)
- (25) en (26) en
- (30) 09/992,567 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • CAMERA POSITIONING SYSTEM AND METHOD FOR EYE-TO-EYE COMMUNICATION
• SYSTEME DE POSITIONNEMENT DE CAMERA ET PROCEDE DE COMMUNICATION OEIL DANS OEIL
- (71) DIGEO, INC. [US/US]; 8815 122nd Avenue NE, Kirkland, WA 98003 (US).
- (72) BOYDEN, James; 13802 SE Newport Way, Bellevue, WA 98006 (US). CHRISTENSEN, Kory; 757 East 1000 South, Kaysville, UT 84037 (US). MEIBOS, David; 2536 Cobblestone Way, Sandy, UT 84093 (US).
- (74) CHRISTENSEN, Kory; STOEL RIVES LLP, One Utah Center, 201 So. Main Street, Suite 1100, 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H04N 7/14, 7/26, 7/50, 7/173
(11) WO 03/043326 (13) A1
(21) PCT/US02/35886
(22) 8 Nov/nov 2002 (08.11.2002)
(25) en (26) en
(30) 60/337,473 10 Nov/nov 2001 US
(10.11.2001)
(30) 60/337,497 10 Nov/nov 2001 US
(10.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • SYSTEM AND METHOD FOR RECORDING AND DISPLAYING VIDEO PROGRAMS FOR MOBILE HANDHELD DEVICES
• SYSTEME ET PROCEDE D'ENREGISTREMENT ET D'AFFICHAGE DE PROGRAMMES VIDEO POUR DISPOSITIFS MOBILES PORTABLES
(71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai Le Gallo, F-92648 Boulogne (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) COOPER, Jeffrey, Allen [US/US]; 11 Toth Lane, Rocky Hill, NJ 08553 (US). BOYCE MAC DONALD, Jill [US/US]; 3 Brandyvine Court, Manalapan, NJ 07726 (US).
(74) TRIPOLI, Joseph, S. et al. / etc.; c/o THOMSON multimedia Licensing Inc., Two Independence Way, 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51) H04N 7/15, 7/14
(11) WO 03/043327 (13) A1
(21) PCT/IB02/04414
(22) 22 Oct/oct 2002 (22.10.2002)
(25) en (26) en
(30) 10/014,200 13 Nov/nov 2001 US
(13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • A SYSTEM AND METHOD FOR PROVIDING AN AWARENESS OF REMOTE PEOPLE IN THE ROOM DURING A VIDEOCONFERENCE
• SYSTEME ET PROCEDE POUR PRENDRE EN COMPTE DES PERSONNES ELOIGNEES DANS LA SALLE AU COURS D'UNE VIDEOCONFERENCE
(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(72) STRUBBE, Hugo, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

- (74) GRAVENDEEL, Cornelis; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ H04N 7/16, 7/173
(11) WO 03/043328 (13) A1
(21) PCT/EP02/12127
(22) 31 Oct/oct 2002 (31.10.2002)
(25) de (26) de
(30) 101 55 654.3 13 Nov/nov 2001 DE
(13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • COMMUNICATION SYSTEM FOR VIDEO INFORMATION, IN PARTICULAR PRODUCT INFORMATION
• SYSTEME DE COMMUNICATION DESTINE A FOURNIR DES INFORMATIONS VIDEO, EN PARTICULIER DES INFORMATIONS SUR DES PRODUITS
(71) ATVISICAN AG [DE/DE]; Ruhrtalstrasse 71, 45239 Essen (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) PROCHNOW, Uwe [DE/DE]; Friedrich-Küpperweg 70, 45239 Essen (DE). BLOME, Rainer [DE/DE]; Wewerstrasse 22, 33106 Paderborn (DE).
(74) HANEWINKEL, Lorenz; Boehmert & Boehmert, Ferrariweg 17 a, 33102 Paderborn (DE).
(81) AE AG AL AU AZ BA BB BG BR BZ CA CN CO CR CU CZ DM DZ EC EE GD GE HR HU ID IL IN IS JP KG 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.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ H04N 7/16
(11) WO 03/043329 (13) A2
(21) PCT/FR02/03921
(22) 15 Nov/nov 2002 (15.11.2002)
(25) fr (26) fr
(30) 01/14857 16 Nov/nov 2001 FR
(16.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • CONTROL BROADCAST PROGRAMME SIGNAL, CONTROL WRITE AND READ SYSTEMS, RELATED

- PRODUCTION AND BROADCASTING CHANNEL
• SIGNAL DE PROGRAMME DE DIFFUSION AVEC COMMANDE, SYSTEMES D'INSCRIPTION ET DE LECTURE DE COMMANDE, CHAINE DE PRODUCTION ET DE DIFFUSION ASSOCIES
(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) MASSON, Jean-Michel [FR/FR]; Thales Intellectual Property, 13, av. du Prés. Salvador Allende, F-94117 Arcueil Cedex (FR).
(74) DUDOUIT, Isabelle et al. / etc.; Thales Intellectual Property, 13, avenue du Prés. Salvador Allende, F-94117 Arcueil 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ H04N 7/16
(11) WO 03/043330 (13) A1
(21) PCT/IB02/04505
(22) 28 Oct/oct 2002 (28.10.2002)
(25) en (26) en
(30) 10/014,216 13 Nov/nov 2001 US
(13.11.2001)
(43) 22 May/mai 2003 (22.05.2003)
(54) • METHOD AND APPARATUS FOR PARTITIONING A PLURALITY OF ITEMS INTO GROUPS OF SIMILAR ITEMS IN A RECOMMENDER OF SUCH ITEMS
• PROCEDE ET APPAREIL DE DIVISION D'UNE PLURALITE D'ELEMENTS EN GROUPES D'ELEMENTS SIMILAIRES DANS UN GARANT DE CES ELEMENTS
(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(72) GUTTA, Srinivas, V., R.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KURAPAATI, Kaushal; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04N 7/16

(11) WO 03/043331 (13) A1

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(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 10/047,734 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • APPARATUS AND METHOD FOR DETECTING AND CORRECTING A CORRUPTED BROADCAST TIME CODE

• APPAREIL ET PROCÉDE POUR DÉTECTER ET CORRIGER UN CODE HORAIRE DE DIFFUSION DÉFECTUEUX

(71) NIELSEN MEDIA RESEARCH, INC. [US/US]; 150 N. Martingale Road, Schaumburg, IL 60173-2076 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NELSON, Daniel [US/US]; 8150 Rose Petal Court, Port Richey, FL 34668 (US).

(74) GROMADA, James, A. et al. / etc.; Katten Muchin Zavis Rosenman, 525 West Monroe Street, Suite 1600, Chicago, IL 60661-3693 (US).

(81) 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 ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/173, 7/16

(11) WO 03/043332 (13) A2

(21) PCT/IB02/04392

(22) 21 Oct/oct 2002 (21.10.2002)

(25) en (26) en

(30) 10/014,194 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS FOR RECOMMENDING ITEMS OF INTEREST TO A USER BASED ON RECOMMENDATIONS FOR ONE OR MORE THIRD PARTIES

• PROCÉDE ET APPAREIL DE RECOMMANDATION D'ÉLÉMENTS D'INTERET A UN UTILISATEUR EN FONCTION DES RECOMMANDATIONS D'UNE OU DE PLUSIEURS TIERS

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) GUTTA, Srinivas, V., R.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/173

(11) WO 03/043333 (13) A1

(21) PCT/IB02/04423

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 10/014,202 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS FOR RECOMMENDING ITEMS OF INTEREST BASED ON PREFERENCES OF A SELECTED THIRD PARTY

• PROCÉDE ET DISPOSITIF PERMETTANT DE RECOMMANDER DES ARTICLES PRESENTANT UN INTERET EN FONCTION DES PREFERENCES D'UN TIERCE PARTIE CHOISIE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) GUTTA, Srinivas, V., R.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 01204393.1 16 Nov/nov 2001 EP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CREATING AGENTS TO BE USED FOR RECOMMENDING MEDIA CONTENT

• CREATION D'AGENTS DESTINES A ETRE UTILISES POUR RECOMMANDER UN CONTENU MULTIMEDIA

(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) MEULEMAN, Petrus, G. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/173

(11) WO 03/043335 (13) A2

(21) PCT/IB02/04578

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 10/014,192 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS FOR GENERATING A STEREOTYPICAL PROFILE FOR RECOMMENDING ITEMS OF INTEREST USING ITEM-BASED CLUSTERING

• PROCÉDE ET APPAREIL PERMETTANT DE GENERER UN PROFIL STEREOTYPE AFIN DE RECOMMANDER DES ARTICLES D'INTERET A L'AIDE DE GROUPEMENTS A BASE D'ARTICLES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) GUTTA, Srinivas, V., R.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KURAPATI, Kaushal; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/173, 7/18

(11) WO 03/043336 (13) A1

(21) PCT/IB02/04650

(22) 5 Nov/nov 2002 (05.11.2002)

(25) en (26) en

(30) 10/014,179 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • AFFECTIVE TELEVISION MONITORING AND CONTROL
• CONTROLE ET COMMANDE DE PROGRAMMES TELEVISES SUR UN PLAN EMOTIONNEL ET SENSORIEL

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) DIMITROVA, Nevenka; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). ZIMMERMAN, John; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). AGNIHOTRI, Lalitha; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) UITTENBOGAARD, Frank; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/173

(11) WO 03/043337 (13) A2

(21) PCT/IB02/04651

(22) 5 Nov/nov 2002 (05.11.2002)

(25) en (26) en

(30) 10/014,195 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS FOR RECOMMENDING ITEMS OF INTEREST BASED ON STEREOTYPE PREFERENCES OF THIRD PARTIES
• APPAREIL ET PROCEDE PERMETTANT DE RECOMMANDER DES ARTICLES PRESENTANT UN INTERET EN FONCTION DES PREFERENCES STEREOTYPEES DE TIERS

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) GUTTA, Srinivas, V., R.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KURAPATI, Kaushal; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) UITTENBOGAARD, Frank; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/173

(11) WO 03/043338 (13) A2

(21) PCT/IB02/04671

(22) 6 Nov/nov 2002 (06.11.2002)

(25) en (26) en

(30) 10/014,189 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND APPARATUS FOR GENERATING A STEREOTYPICAL PROFILE FOR RECOMMENDING ITEMS OF INTEREST USING FEATURE-BASED CLUSTERING
• PROCEDE ET APPAREIL PERMETTANT DE PRODUIRE UN PROFIL STEREOTYPE AUX FINS DE RECOMMANDATION D'OBJETS D'INTERET AU MOYEN D'UNE AGREGATION FONDEE SUR DES CARACTERISTIQUES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) KURAPATI, Kaushal; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). GUTTA, Srinivas, V., R.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) UITTENBOGAARD, Frank; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/173

(11) WO 03/043339 (13) A1

(21) PCT/JP02/11754

(22) 12 Nov/nov 2002 (12.11.2002)

(25) ja (26) ja

(30) 2001-345623 12 Nov/nov 2001 JP (12.11.2001)

(30) 2002-170758 12 Jun/juin 2002 JP (12.06.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • INFORMATION DELIVERY SYSTEM, METHOD, INFORMATION PROCESSING APPARATUS, AND METHOD
• SYSTEME DE REMISE D'INFORMATIONS, PROCEDE, APPAREIL DE TRAITEMENT D'INFORMATIONS ET PROCEDE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
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(72, 75) OKADA, Hiroaki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). FUTAGAWA, Keigo [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) INAMOTO, Yoshio; 711 Building 4F, 11-18, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN JP KR US.

(51)⁷ H04N 7/18

(11) WO 03/043340 (13) A1

(21) PCT/KR02/01852

(22) 4 Oct/oct 2002 (04.10.2002)

(25) ko (26) en

(30) 2001/71116 15 Nov/nov 2001 KR (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SECURITY SYSTEM AND WARNING METHOD USING EDGE DETECTION OF IMAGE SIGNAL
• SYSTEME DE SECURITE ET PROCEDE D'AVERTISSEMENT FAISANT APPEL A UNE DETECTION DE CONTOUR DE SIGNAL D'IMAGE

(71) ALOGICS CO., LTD. [KR/KR]; 4F Hanvit Bank B/D, 250-2, Seohyeon-Dong, Bundang-Gu, Seongnam-City, Kyeonggi-Do 463-050 (KR).
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(72, 75) BOO, Byung Uk [KR/KR]; 408-1801 Jugong Apt., Chungmyungmaeul, 1048-2, Youngtong-Dong, Paldal-Gu, Suwon-Si, Kyunggi-Do 442-738 (KR).

(74) L & K PATENT FIRM; 701, Daekun Bldg., 822-5, Yeoksam-Dong, Kangnam-Gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/24, 5/00

(11) WO 03/043341 (13) A1

(21) PCT/JP02/11722

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) 2001-348410 14 Nov/nov 2001 JP (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR CORRECTING CLOCK FREQUENCY, RECEIVING APPARATUS, REPRODUCING APPARATUS, AND PROGRAM

• PROCEDE DE CORRECTION DE FREQUENCE D'HORLOGE, APPAREIL DE RECEPTION, APPAREIL DE REPRODUCTION ET PROGRAMME ASSOCIE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka 571-8501 (JP).

(72) ISHII, Masahiro; 10-5-201, Koshikiwacho, Nishinomiya-shi, Hyogo 662-0092 (JP). KITAMURA, Tomohiko; 2-90, Okayamatecho, Hirakata-shi, Osaka 573-0034 (JP).

(74) NAKAJIMA, Shiro; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).

(81) CN KR.

(84) EP (CZ DE FR GB).

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(51)⁷ H04N 7/26, 7/36, 7/50

(11) WO 03/043342 (13) A1

(21) PCT/FI02/00894

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 20012203 13 Nov/nov 2001 FI (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD, APPARATUS AND COMPUTER FOR ENCODING SUCCESSIVE IMAGES

• PROCEDE, APPAREIL ET ORDINATEUR PERMETTANT DE CODER DES IMAGES SUCCESSIVES

(71) HANTRO PRODUCTS OY [FI/FI]; Nahkatehtaankatu 2, FIN-90100 Oulu (FI). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUVANTO, Markus [FI/FI]; Tervakukkatie 26 B 14, FIN-90580 Oulu (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04N 7/26

(11) WO 03/043343 (13) A2

(21) PCT/IB02/04517

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 09/995,999 16 Nov/nov 2001 US (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND SYSTEM FOR DETECTING INTRA-CODED PICTURES AND FOR EXTRACTING INTRA DCT PRECISION AND MACROBLOCK-LEVEL CODING PARAMETERS FROM UNCOMPRESSED DIGITAL VIDEO

• PROCEDE ET SYSTEME PERMETTANT DE DETECTER DES IMAGES INTRA-CODEES ET D'EXTRAIRE DES PARAMETRES DE CODAGE DE NIVEAU DE PRECISION INTRA-DCR ET DE NIVEAU MACROBLOC A PARTIR DE VIDEO NUMERIQUE DECOMPRESSEE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) CHEN, Yingwei; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) LANDOUSY, Christian; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/26

(11) WO 03/043344 (13) A2

(21) PCT/IB02/04536

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 09/996,004 16 Nov/nov 2001 US (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • REDUCED-COMPLEXITY VIDEO DECODING USING LARGER PIXEL-GRID MOTION COMPENSATION

• DECODAGE DE DONNEES VIDEO A COMPLEXITE REDUITE UTILISANT LA COMPENSATION DE MOUVEMENT DE GRILLE DE PIXELS

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) LAN, Tse-Hua; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). CHEN, Yingwei; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) LANDOUSY, Christian; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/26

(11) WO 03/043345 (13) A1

(21) PCT/JP02/12011

(22) 18 Nov/nov 2002 (18.11.2002)

(25) ja (26) ja

(30) 2001-352353 16 Nov/nov 2001 JP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • IMAGE ENCODING METHOD, IMAGE DECODING METHOD, IMAGE ENCODER, IMAGE DECODE, PROGRAM, COMPUTER DATA SIGNAL, AND IMAGE TRANSMISSION SYSTEM

• PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, CODEUR ET DECODEUR D'IMAGE, PROGRAMME, SIGNAL DE DONNEES INFORMATIQUES ET SYSTEME D'EMISSION D'IMAGE

(71) NTT DOCOMO, INC. [JP/JP]; 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOBAYASHI, Mitsuru [JP/JP]; c/o Intellectual Property Department, NTT

- DoCoMo, Inc., Sanno Park Tower, 11-1, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP). ETOH, Minoru [JP/JP]; c/o Intellectual Property Department, NTT DoCoMo, Inc., Sanno Park Tower, 11-1, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-6150 (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) CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ H04N 7/26
- (11) WO 03/043346 (13) A1
- (21) PCT/JP02/12012
- (22) 18 Nov/nov 2002 (18.11.2002)
- (25) ja (26) ja
- (30) 2001-352377 16 Nov/nov 2001 JP (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • IMAGE ENCODING METHOD, IMAGE DECODING METHOD, IMAGE ENCODER, IMAGE DECODE, PROGRAM, COMPUTER DATA SIGNAL, AND IMAGE TRANSMISSION SYSTEM
- PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, CODEUR ET DECODEUR D'IMAGE, PROGRAMME, SIGNAL DE DONNEES INFORMATIQUES ET SYSTEME D'EMISSION D'IMAGE
- (71) NTT DOCOMO, INC. [JP/JP]; 11-1, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KOBAYASHI, Mitsuru [JP/JP]; c/o Intellectual Property Department, NTT DoCoMo, Inc., Sanno Park Tower, 11-1, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP). SEKIGUCHI, Shunichi [JP/JP]; c/o Intellectual Property Department, NTT DoCoMo, Inc., Sanno Park Tower, 11-1, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP). ADACHI, Satoru [JP/JP]; c/o Intellectual Property Department, NTT DoCoMo, Inc., Sanno Park Tower, 11-1, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-6150 (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) CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ H04N 7/26, 5/232
- (11) WO 03/043348 (13) A1
- (21) PCT/NL02/00734
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) nl (26) en
- (30) 1019365 14 Nov/nov 2001 NL (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DETERMINATION OF A MOTION OF A BACKGROUND IN A SERIES OF IMAGES
- DETERMINATION D'UN DEPLACEMENT DE FOND DANS UNE SERIE D'IMAGES
- (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) BEUN, Robbie, Daniël, Pieter [NL/NL]; Oxfordlaan 48, NL-2314 EB Leiden (NL).
- (74) PRINS, A., W.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04N 9/79
- (11) WO 03/043350 (13) A1
- (21) PCT/JP02/11798
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 2001-347964 13 Nov/nov 2001 JP (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS

AND METHOD, AND INFORMATION RECORDING MEDIUM AND RECORDING MEDIUM

- APPAREIL ET PROCÉDE D'ENREGISTREMENT D'INFORMATIONS, APPAREIL ET PROCÉDE DE REPRODUCTION D'INFORMATIONS, SUPPORT D'ENREGISTREMENT D'INFORMATIONS ET SUPPORT D'ENREGISTREMENT

(71) **PIONEER CORPORATION** [JP/JP]; 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKAKUWA, Nobuyuki** [JP/JP]; c/o Pioneer Corporation, Tokorozawa Works, 2610, Hanazono 4-chome, Tokorozawa-shi, Saitama 359-0047 (JP). **SAWABE, Takao** [JP/JP]; c/o Pioneer Corporation, Tokorozawa Works, 2610, Hanazono 4-chome, Tokorozawa-shi, Saitama 359-0047 (JP). **NAKAHARA, Masanori** [JP/JP]; c/o Pioneer Corporation, Tokorozawa Works, 2610, Hanazono 4-chome, Tokorozawa-shi, Saitama 359-0047 (JP). **KODA, Takeshi** [JP/JP]; c/o Pioneer Corporation, Tokorozawa Works, 2610, Hanazono 4-chome, Tokorozawa-shi, Saitama 359-0047 (JP). **KANEGAE, Tohru** [JP/JP]; c/o Pioneer Corporation, Tokorozawa Works, 2610, Hanazono 4-chome, Tokorozawa-shi, Saitama 359-0047 (JP). **FUKUDA, Yasuko** [JP/JP]; c/o Pioneer Corporation, 2610, Hanazono 4-chome, Tokorozawa-shi, Saitama 359-0047 (JP).

(74) **ISHIKAWA, Yasuo et al.** / etc.; Park Shiba Building, 4F, 17-11, Shiba 2-chome, Minato-ku, Tokyo 105-0014 (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04Q

(11) WO 03/043351 (13) A2

(21) PCT/US02/28944

(22) 12 Sep/sep 2002 (12.09.2002)

(25) en (26) en

(30) 60/322,573 12 Sep/sep 2001 US (12.09.2001)

(30) 60/322,542 12 Sep/sep 2001 US (12.09.2001)

(30) 60/322,494 12 Sep/sep 2001 US (12.09.2001)

(30) 60/342,571 20 Dec/déc 2001 US (20.12.2001)

(30) 10/242,276 11 Sep/sep 2002 US (11.09.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CO-LOCATED ANTENNA ARRAY FOR PASSIVE BEAM FORMING

- RESEAU D'ANTENNES COSITUÉES POUR FORMATION PASSIVE DE FAISCEAUX

(71) **METAWAVE COMMUNICATIONS CORPORATION** [US/US]; 10735 Willows Road Northeast, Redmond, WA 98052 (US).

(72) **SCHERZER, Shimon, B.**; 1648 Marina Drive, Sunnyvale, CA 94087 (US). **MARTEK, Gary, A.**; 308 118th Avenue Court E., Edgewood, WA 98372 (US). **GORDON, Scot, D.**; 16307 123rd Place NE, Bothell, WA 98011 (US).

(74) **TANNENBAUM, David, H.**; Fulbright & Jaworski, L.L.P., 2200 Ross Avenue, Suite 2800, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/00

(11) WO 03/043352 (13) A2

(21) PCT/DE02/04176

(22) 12 Nov/nov 2002 (12.11.2002)

(25) de (26) de

(30) 101 55 197.5 12 Nov/nov 2001 DE (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR ACCESSING WAP, INTERNET AND INTRANET CONTENTS OVER A DIGITAL MOBILE TELEPHONY NETWORK

- PROCÉDE PERMETTANT UN ACCES A DES CONTENUS WAP, INTERNET ET INTRANET PAR UN RESEAU NUMERIQUE DE TELEPHONIE MOBILE

(71) **T-MOBILE DEUTSCHLAND GMBH** [DE/DE]; Landgrabenweg 151, 53227 Bonn (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BREITBACH, Thomas** [DE/DE]; Kolpingstrasse 23a, 56645 Nickenich (DE). **KRAMARZ-VON KOHOUT, Gerhard** [DE/DE]; Reuterstr. 131, 53111 Bonn (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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04Q 7/00

(11) WO 03/043353 (13) A1

(21) PCT/US02/31225

(22) 1 Oct/oct 2002 (01.10.2002)

(25) en (26) en

(30) 09/970,433 2 Oct/oct 2001 US (02.10.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • AN IDENTIFICATION SYSTEM HAVING AN IDENTIFIABLE OBJECT WITH A PHOTO-ACTIVATED MICROTRANSPONDER

- SYSTEME D'IDENTIFICATION AVEC OBJET IDENTIFIABLE ET MICROTRANSPONDEUR PHOTOACTIVE

(71) **PHARMASEQ, INC.** [US/US]; 1 Deer Park Drive, Suite F, Monmouth Junction, NJ 08852 (US).

(72) **MANDECKI, Wlodek**; 22 Arnold Drive, Princeton Junction, NJ 08550 (US). **PAPPAS, Michael**; 2 Dayna Lane, Lawrenceville, NJ 08648 (US). **DAVIDOWITZ, Hananel, H.**; 43 McComb Road, Princeton, NJ 08540 (US).

(74) **WEIS, Mark, D.**; 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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/00

(11) WO 03/043354 (13) A1

(21) PCT/US02/36187

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(30) 10/008,094 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • APPARATUS, AND ASSOCIATED METHOD, FOR SELECTING RADIO

COMMUNICATION SYSTEM PARAMETERS UTILIZING LEARNING CONTROLLERS	HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.	(30) 60/331,030	7 Nov/nov 2001 (07.11.2001)	US
• APPAREIL ET PROCEDE ASSOCIE UTILISANT DES CONTROLEURS A APPRENTISSAGE POUR SELECTIONNER DES PARAMETRES D'UN SYSTEME DE RADIOCOMMUNICATIONS	(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(30) 60/331,211	13 Nov/nov 2001 (13.11.2001)	US
(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). (for all designated States except / pour tous les États désignés sauf US)		(30) 60/342,343	21 Dec/déc 2001 (21.12.2001)	US
(72, 75) TANG, Clive [GB/US]; 145 Cimarron Trail #2238, Irving, TX 75063 (US).		(30) 10/187,132	28 Jun/juin 2002 (28.06.2002)	US
(74) SHAW, Steven, A. et al. / etc.; Nokia Inc., 6000 Connection Drive, MS 1-4-755, Irving, TX 75039 (US).		(30) 10/256,309	27 Sep/sep 2002 (27.09.2002)	US
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.		(30) 10/256,305	27 Sep/sep 2002 (27.09.2002)	US
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(51) ⁷ H04Q 7/20, H04B 1/38, 17/00, H05K 11/02	(30) 10/256,305	27 Sep/sep 2002 (27.09.2002)	US
Declaration / Déclaration : (s) for all designations / pour toutes les désignations	(11) WO 03/043356 (13) A1	(30) 10/256,516	27 Sep/sep 2002 (27.09.2002)	US
	(21) PCT/IB02/04701	(30) 10/256,471	27 Sep/sep 2002 (27.09.2002)	US
	(22) 11 Nov/nov 2002 (11.11.2002)	(30) 10/256,471	27 Sep/sep 2002 (27.09.2002)	US
	(25) en (26) en	(30) 10/256,384	27 Sep/sep 2002 (27.09.2002)	US
	(30) 10/081,984 13 Nov/nov 2001 US (13.11.2001)	(30) 10/256,299	27 Sep/sep 2002 (27.09.2002)	US
	(43) 22 May/mai 2003 (22.05.2003)	(43) 22 May/mai 2003 (22.05.2003)		
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(54) • A METHOD FOR CONTROLLING OPERATION OF A MOBILE DEVICE BY DETECTING USAGE SITUATIONS • COMMANDE DU FONCTIONNEMENT D'UN APPAREIL MOBILE PAR RECONNAISSANCE DES SITUATIONS D'EMPLOI	(43) 22 May/mai 2003 (22.05.2003)		
	(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).	(71) AT & T CORP. [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).		
	(71) NOKIA INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US). (only for / seulement pour LC)	(72) BENVENISTE, Mathilde; 76 Harding Drive, South Orange, NJ 07079 (US).		
	(72) HIMBERG, Johan; Stenbäckinkatu 2 C 72, FIN-00250 Helsinki (FI). MANNILA, Heikki; Lintuparvenpuisto 6, FIN-02660 Espoo (FI). KORPIAHO, Kalle; Servinmäijantie 6 B 19, FIN-02150 Espoo (FI). TOIVONEN, Hannu, T.; Kytöpolku 39 F, FIN-00740 Helsinki (FI). TIKANMÄKI, Johanna; Jämeräntaival 6 B 313, FIN-02150 Espoo (FI).	(74) SZWERC, Christine, M. et al. / etc.; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748-4110 (US).		
	(74) FILL, Peter, N.; 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 CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.		
	(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.	(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).		
	(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(51) ⁷ H04Q 7/20		
	(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). (for all designated States except / pour tous les États désignés sauf BB)	(11) WO 03/043358 (13) A1		
	(71) NOKIA INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US). (only for / seulement pour BB)	(21) PCT/US02/35500		
	(72) TIMONEN, Juha, T.; Kotikankaantie 9, Fin-90820 Kello (FI). LAITINEN, Pasi; Ranta-Koskelantie 1 A 2, FIN-90570 Oulu (FI).	(22) 5 Nov/nov 2002 (05.11.2002)		
	(74) SMITH, Harry, F.; Harrington & Smith, LLP, 4 Research Drive, Shelton, CT 06484 (US).	(25) en (26) en		
	(81) AE AG AL AM AT AU AZ BA BB 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) 60/345,050	9 Nov/nov 2001 (09.11.2001)	US
		(43) 22 May/mai 2003 (22.05.2003)		
		(54) • METHOD AND SYSTEM FOR PROVIDING WIRELESS SERVICES USING AN ACCESS NETWORK AND A CORE NETWORK BASED ON DIFFERENT TECHNOLOGIES • PROCEDE ET SYSTEME DE FOURNITURE DE SERVICES SANS FIL AU MOYEN D'UN RESEAU D'ACCES ET D'UN RESEAU CENTRAL SUR LA BASE SUR DES TECHNOLOGIES DIFFERENTES		
	Published / Publiée : (c)			
	(51) ⁷ H04Q 7/20, 7/00, H04J 3/00			
	(11) WO 03/043357 (13) A1			
	(21) PCT/US02/34585			
	(22) 29 Oct/oct 2002 (29.10.2002)			
	(25) en (26) en			
	(30) 60/330,930	2 Nov/nov 2001 (02.11.2001)		US
	(30) 09/985,257	2 Nov/nov 2001 (02.11.2001)		US

(71) SPATIAL WIRELESS, INC. [US/US]; 1651 Glenville Drive, Suite 216, Richardson, TX 75081 (US).

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(72, 75) NAIM, Ghassan [CA/US]; 5413 Naaman Forest #836, Garland, TX 75044 (US). XU, Jianming [US/US]; 4305 Vanderpool Drive, Plano, TX 75024 (US). KOHLI, Pardeep [US/US]; 8621 High Meadows Drive, Plano, TX 75025 (US). MADHAVAPEDDY, Seshagiri, R. [IN/US]; 2521 Big Horn Lane, Richardson, TX 75080 (US). ALAM, Mahbulul [CA/US]; 5454 Amesbury Drive, Apt. #708, Dallas, TX 75206 (US).

(74) BLISS, Timothy, F. et al. / etc.; Haynes & Boone, LLP, 901 Main Street, Suite 3100, Dallas, TX 75202-3789 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ H04Q 7/20

(11) WO 03/043359 (13) A1

(21) PCT/US02/36076

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 09/987,102 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • A SYSTEM AND METHOD FOR DETERMINING THE MEASURE OF MOBILITY OF A SUBSCRIBER DEVICE IN A TELECOMMUNICATION SYSTEM
• SYSTEME ET PROCEDE DESTINES A DETERMINER LA MESURE DE MOBILITE D'UN DISPOSITIF D'ABONNE DANS UN SYSTEME DE TELECOMMUNICATION

(71) MESHNETWORKS, INC. [US/US]; 485 North Keller Road, Suite 250, Maitland, FL 32751 (US).

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(72, 75) WHITE, Eric [US/US]; 834 Grand Regency Pointe, Apt. 4-105, Altamonte Springs, FL 32714 (US).

(74) BUCZYNSKI, Joseph et al. / etc.; Roylance, Abrams, Berdo & Goodman, L.L.P., 1300 19th Street, N.W., Suite 600, Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/22

(11) WO 03/043360 (13) A1

(21) PCT/FI02/00916

(22) 18 Nov/nov 2002 (18.11.2002)

(25) en (26) en

(30) 20012234 16 Nov/nov 2001 FI (16.11.2001)

(30) 20012232 16 Nov/nov 2001 FI (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PRIORITIZATION OF MMS MESSAGES
• GESTION DE LA PRIORITE DE MESSAGES MMS

(71) SONERA OYJ [FI/FI]; Teollisuuskatu 15, FIN-00510 Helsinki (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KORHONEN, Jouni [FI/FI]; Mutkatie 2 A 4, FIN-11100 Riihimäki (FI). JALKANEN, Tero [FI/FI]; Simo Klemetinpojan tie 4 A 17, FIN-00710 Helsinki (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H04Q 7/22

(11) WO 03/043361 (13) A2

(21) PCT/FR02/03926

(22) 15 Nov/nov 2002 (15.11.2002)

(25) fr (26) fr

(30) 01/14867 16 Nov/nov 2001 FR (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR ENABLING AN APPLICATION RECORDED IN A RADIOCOMMUNICATION TERMINAL TO ACCESS FUNCTIONS OF THE TERMINAL AND TERMINAL IMPLEMENTING SAID METHOD

• PROCEDE POUR PERMETTRE A UNE APPLICATION ENREGISTREE DANS UN TERMINAL DE RADIOCOMMUNICATION D'ACCEDER AUX FONCTIONS DU TERMINAL ET TERMINAL METTANT EN OEUVRE CE PROCEDE

(71) ALCATEL [FR/FR]; 54, rue la Boétie, F-75008 Paris (FR).

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(72, 75) MOURAREAU, Stéphane [FR/FR]; 31, avenue de Villepreux, F-78340 Les Clayes sous Bois (FR).

(74) LE FLOCH, Claire et al. / etc.; Compagnie Financière Alcatel, Département Propriété Industrielle, 30, avenue Kléber, F-75116 Paris (FR).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H04Q 7/30

(11) WO 03/043362 (13) A1

(21) PCT/CN02/00152

(22) 13 Mar/mar 2002 (13.03.2002)

(25) zh (26) zh

(30) 01134803.8 13 Nov/nov 2001 CN (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • BASE STATION CONFIGURATION METHOD

• PROCEDE DE CONFIGURATION
D'UNE STATION DE BASE

(71) HUAWEI TECHNOLOGIES CO., LTD. [CN/CN]; Intellectual Property Department, Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Shenzhen, Guangdong 518057 (CN).

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(72, 75) HU, Qiang [CN/CN]; Intellectual Property Department, Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Shenzhen, Guangdong 518057 (CN). ZHAO, Xuezhong [CN/CN]; Intellectual Property Department, Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Shenzhen, Guangdong 518057 (CN).

(74) BEIJING UNITALEN PATENT & TRADEMARK LAW FIRM; 7th Floor, Scitech Place, No. 22 Jian Guo Men Wei Ave., Chao Yang District, Beijing 100004 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY CZ DE DK 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).

(51)⁷ H04Q 7/32

(11) WO 03/043363 (13) A1

(21) PCT/IB02/03829

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/987,849 16 Nov/nov 2001 US (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MOBILE TERMINAL DEVICE HAVING CAMERA SYSTEM

• DISPOSITIF DE TERMINAL MOBILE DOTE D'UN SYSTEME CAMERA

(71) NOKIA CORPORATION [FI/FI]; Kielalahdentie 4, FIN-02150 Espoo (FI).

(72) VIINIKANOJA, Jarkko; Pyynikintori 4-6 b16, FIN-33230 Tampere (FI). YRJÄNÄINEN, Jukka; Tiuravuorentie 5 D 21, FIN-33480 Ylöjärvi (FI).

(74) KURIG, Thomas; Becker, Kurig, Straus, Bavariastrasse 7, D-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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/34

(11) WO 03/043364 (13) A1

(21) PCT/SE02/01626

(22) 10 Sep/sep 2002 (10.09.2002)

(25) en (26) en

(30) 60/317,970 10 Sep/sep 2001 US (10.09.2001)

(30) 10/235,863 6 Sep/sep 2002 US (06.09.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • RECOVERY OF MOBILE STATION(S) IN CONNECTED MODE UPON RNC FAILURE

• REPRISSE DE STATIONS MOBILES EN MODE CONNECTE LORS D'UNE PANNE D'UNITE DE COMMANDE DE RESEAU RADIO

(71) TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) [SE/SE]; S-126 25 Stockholm (SE).

(72) AMIRIJOO, Sharokh; Arkens Gränd 5, S-192 78 Sollentuna (SE). BEMING, Per, Johan; Frejgatan 58, S-113 26 Stockholm (SE). BERGSTRÖM, Joakim, Karl, Olof; Erik Dahlbergsgatan 29B, 5tr, S-115 32 Stockholm (SE). GUSTAVSSON, Pär, Ingemar; Bjälbgatan 6A, S-582 47 Linköping (SE). LIESHOUT VAN, Gert-Jan; Soerenseweg 40, NL-7314 CG Apeldoorn (NL). WALLENTIN, Bo, Stefan, Pontus; Hjälm-sättersgatan 2B, S-582 27 Linköping (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 TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/36

(11) WO 03/043365 (13) A1

(21) PCT/EP02/12835

(22) 15 Nov/nov 2002 (15.11.2002)

(25) de (26) de

(30) 01127170.7 15 Nov/nov 2001 EP (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR THE TRANSMISSION OF INFORMATION IN A CELLULAR RADIO COMMUNICATION SYSTEM WITH RADIO SECTORS

• PROCEDE POUR TRANSMETTRE DES INFORMATIONS DANS UN SYSTEME DE RADIOCOMMUNICATION

CELLULAIRE PRESENTANT DES SECTEURS RADIO

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) DILLINGER, Markus [DE/DE]; Unterhachingerstr. 89, 81737 München (DE). LUO, Jijun [CN/DE]; Stuntzstr. 35/4M, 81677 München (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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H04Q 7/38, 7/22

(11) WO 03/043366 (13) A1

(21) PCT/EP02/12847

(22) 15 Nov/nov 2002 (15.11.2002)

(25) en (26) en

(30) 01830711.6 16 Nov/nov 2001 EP (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD FOR THE DETERMINATION OF A RECEIVER FOR LOCATION INFORMATION

• PROCEDE DE DETERMINATION D'UN RECEPTEUR D'INFORMATIONS D'EMPLACEMENT

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).

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(72, 75) DE LUCA, Enrico [IT/IT]; Via P. Amato, 7, I-81100 Caserta (IT). LALA, Alessandro [IT/IT]; Via Canzanella Vecchia, 44, I-80125 Napoli (IT). ISRAELSSON, Martin [SE/SE]; Mjölarnstigen 15, S-163 41 Spånga (SE). MOLANDER, Anders [SE/SE]; Söderleden 30, S-587 31 Linköping (SE). IOVIENO, Maurizio [IT/IT]; Corso Vittorio

- Emanuele III, Frazione Curteri 14, interno 6, I-84085 Mercato San Severino (IT). **KOR-MOS, Arpad** [HU/HU]; Hrivnák Pál u. 163, H-1237 Budapest (HU).
- (74) **TONSCHEIDT, Andreas**; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04Q 7/38, 7/22**
 (11) **WO 03/043367** (13) A1
 (21) PCT/FI02/00910
 (22) 15 Nov/nov 2002 (15.11.2002)
 (25) en (26) en
 (30) 20012233 16 Nov/nov 2001 FI (16.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
- (54) • ROAMING IN MMS ENVIRONMENT
 • ITINERANCE EN ENVIRONNEMENT MMS
- (71) **SONERA OYJ** [FI/FI]; Teollisuuskatu 15, FIN-00510 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JALKANEN, Tero** [FI/FI]; Simo Klemetinpojan tie 4 A 17, FIN-00710 Helsinki (FI).
- (74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O.Box 148, FIN-00121 Helsinki (FI).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :**
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC
- VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*
(u) for / pour US only / seulement
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- (51)⁷ **H04Q 7/38**
 (11) **WO 03/043368** (13) A1
 (21) PCT/IB01/02118
 (22) 12 Nov/nov 2001 (12.11.2001)
 (25) en (26) en
 (43) 22 May/mai 2003 (22.05.2003)
- (54) • A SYSTEM AND METHOD OF COMMUNICATING A PRIORITY INDICATION IN A CALL CONTROL/BEARER CONTROL TELECOMMUNICATION SYSTEM
 • SYSTEME ET PROCEDE DE TRANSMISSION D'UNE INDICATION DE PRIORITE DANS UN SYSTEME DE TELECOMMUNICATION COMPRENANT UNE ARCHITECTURE DE COMMANDE D'APPEL/COMMANDE DE SUPPORT
- (71) **TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)** [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RYTINA, Ian** [GB/AU]; 62 Carlton Street, Carlton, VIC 3053 (AU). **GRAF, Leslie, Gary** [AU/AU]; 3 Hender Court, Balwyn, VIC 3103 (AU). **HOLLIS, Mark, Alan** [AU/AU]; 1 Daintree Avenue, Park Orchards, VIC 3114 (AU). **GROVES, Christian, Norman** [AU/AU]; 53 Margaret Street, Newport, VIC 3015 (AU).
- (74) **WATERMARK PATENT & TRADE-MARK ATTORNEYS**; 290 Burwood Road, Hawthorn, VIC 3122 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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 03/043369** (13) A1
 (21) PCT/JP02/11458
 (22) 1 Nov/nov 2002 (01.11.2002)
 (25) en (26) en
 (30) 0127339.0 14 Nov/nov 2001 GB (14.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
- (54) • EMERGENCY RESCUE AID
 • AIDE DE SAUVETAGE D'URGENCE
- (71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).
- (72) **DOLWIN, Anthony, Craig**; c/o Toshiba Research Europe Limited, 32, Queens Square, Bristol, Avon BS1 4ND (GB).
- (74) **SUZUYE, Takehiko et al.** / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigasaki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN JP.
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- (51)⁷ **H04Q 9/00, G08C 19/28**
 (11) **WO 03/043370** (13) A1
 (21) PCT/MX02/00106
 (22) 13 Nov/nov 2002 (13.11.2002)
 (25) es (26) es
 (30) PA/a/2002/003464 14 Nov/nov 2001 MX (14.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
- (54) • PROGRAMMING OF TRANSMISSION SIGNALS AND FUNCTION NAMES USING A MEMORY UNIT EXTERNAL TO A REMOTE CONTROL
 • PROGRAMMATION DE SIGNAUX DE TRANSMISSION ET DE NOMS DE FONCTION AU MOYEN D'UNE MEMOIRE EXTERNE DE TELECOMMANDE
- (71) **ISEL CORPORATION, S. A. DE C. V.** [MX/MX]; Priv. 42 Norte No. 2013-A, Col. 10 de Mayo, Puebla, 72270 Puebla (MX).
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- (72, 75) **HERNANDEZ GUZMAN, Carlos** [MX/MX]; Priv. 42 Norte No. 2013-A, Col. 10 de Mayo, Puebla, 72270 Puebla (MX).
- (74) **HERNANDEZ GUZMAN, Carlos**; Priv. 42 Norte No. 2013-A, Col. 10 de Mayo, Puebla, 72270 Puebla (MX).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :**
(t) for all designations / pour toutes les désignations
-
- (51)⁷ **H04Q 11/00**
 (11) **WO 03/043371** (13) A2
 (21) PCT/CA02/01603
 (22) 23 Oct/oct 2002 (23.10.2002)
 (25) en (26) en
 (30) 09/987,164 13 Nov/nov 2001 US (13.11.2001)
 (43) 22 May/mai 2003 (22.05.2003)
- (54) • HYBRID PHOTONIC/ELECTRONIC SWITCHING IN A MULTI-CHANNEL NETWORK

- COMMUTATION ELECTRO-NIQUÉ/PHOTONIQUE HYBRIDE
DANS UN RESEAU MULTI-CANAU
- (71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Québec H4S 2A9 (CA).
- (72) SPARKS, Adrian, P.; Manor Cottage, Ongar, Essex CM5 0PA (GB). BRIGGS, Alan, T., R.; 2 Ascham Lane, Cambridge, Cambridgeshire CB2 4NT (GB). LALONDE, Frederick, J.; 141A Percy Street, Ottawa, Ontario K1R 6C8 (CA). MACLEOD, H., D., Wade; 113 Corkery Woods Drive, RR#2, Carp, Ontario K0A 1L0 (CA). FISHER, Douglas, W.; Box 3500 - 26 Hale Road, Brampton, Ontario L6V 2M7 (CA).
- (74) OGILVY RENAULT; 1981 McGill College Avenue, Suite 1600, Montreal, Québec H3A 2Y3 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04R 1/02, B60R 11/02
- (11) WO 03/043372 (13) A1
- (21) PCT/JP02/11367
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) ja (26) ja
- (30) 2001-352301 16 Nov/nov 2001 JP (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SPEAKER FOR VEHICLE AND MOUNTING STRUCTURE OF THE SPEAKER
• HAUT-PARLEUR POUR VEHICULE ET STRUCTURE DE MONTAGE DE CE HAUT-PARLEUR
- (71) MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo 108-8410 (JP). MITSUBISHI JIDOSHA ENGINEERING KABUSHIKI KAISHA [JP/JP]; 580-16, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0013 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IWAYA, Shogo [JP/JP]; MITSUBISHI JIDOSHA ENGINEERING KABUSHIKI KAISHA, 580-16, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0013 (JP). NAKAMURA, Taizo [JP/JP]; c/o MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA, 33-8, Shiba 5-chome, Minato-ku, Tokyo 108-8410 (JP). NAKAMURA, Taizo [JP/JP]; c/o MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA, 33-8, Shiba 5-chome, Minato-ku, Tokyo 108-8410 (JP). KIRIHARA, Karebu [JP/JP]; MITSUBISHI JIDOSHA ENGINEERING KABUSHIKI KAISHA, 580-16, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0013 (JP).
- (74) SANADA, Tamotsu; Kichijoji-Hirose Bldg. 5th Floor, 10-31, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ H04R 1/10
- (11) WO 03/043373 (13) A1
- (21) PCT/KR02/02108
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) ko (26) en
- (30) 2001/34628 12 Nov/nov 2001 KR (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • EARPHONE WIRE AND PLUG STORAGE CASE
• BOITIER DE RANGEMENT DE LA PRISE ET DU FIL D'UN ECOUTEUR
- (71, 72) Kim, Yuh-il [KR/KR]; 502-902, Keoyo Apt., 294, Keoyo2-dong, Songpa-ku, 138-905 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
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- (51)⁷ H04R 5/00
- (11) WO 03/043374 (13) A1
- (21) PCT/US02/36946
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (30) 10/004,141 14 Nov/nov 2001 US (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • COMPUTATION OF MULTI-SENSOR TIME DELAYS
• CALCUL DES RETARDS ENTRE DE MULTIPLES CAPTEURS
- (71) AUDIENCE, INC. [US/US]; 4906 El Camino Real, Suite 205, Los Altos, CA 94022 (US).
- (72) WATTS, Lloyd; 500 Chiquita Avenue #14, Mountain View, CA 94041 (US).
- (74) VAN PELT, Lee; Van Pelt & Yi LLP, 10050 N. Foothill Blvd, Suite 200, Cupertino, CA 95014-5601 (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 TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ H04R 9/02, 7/18
- (11) WO 03/043375 (13) A1
- (21) PCT/JP02/11612
- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) ja (26) ja
- (30) 2001-348525 14 Nov/nov 2001 JP (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • SPEAKER
• HAUT-PARLEUR
- (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) KOBAYASHI, 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 Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ H04R 23/00, 7/18
- (11) WO 03/043376 (13) A1
- (21) PCT/JP02/11684
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) ja (26) ja
- (30) 2001-351355 16 Nov/nov 2001 JP (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) • DIAPHRAGM STRUCTURE OF LIGHT-SOUND CONVERTER
• STRUCTURE DE DIAPHRAGME DE CONVERTISSEUR LUMIERE-SON
- (71) KABUSHIKI KAISHA KENWOOD [JP/JP]; 2967-3, Ishikawa-eyo, Hachioji-shi, Tokyo 192-8525 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SAKAMOTO, Yoshio [JP/JP]; 108-6-503, Yokokawa-eyo, Hachioji-shi, Tokyo 193-0823 (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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ H04R 23/00
- (11) WO 03/043377 (13) A1
- (21) PCT/NO02/00422
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 20015552 13 Nov/nov 2001 NO (13.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)

- (54) • OPTICAL DISPLACEMENT SENSOR ELEMENT
• ELEMENT DE DETECTION DE MOUVEMENT OPTIQUE

(71) SINVENT AS [NO/NO]; S.P. Andersens vei 5, N-7465 Trondheim (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOHANSEN, Ib-Rune [NO/NO]; Svenga 174, N-0882 Oslo (NO). SOLGAARD, Olav [NO/US]; 849 Pine Hill Road, Stanford, CA 94305 (US). LØVHAUGEN, Odd [NO/NO]; Rodbråttbakken 3, N-0874 Oslo (NO). SAGBERG, Håkon [NO/NO]; Krokusveien 9, N-0875 Oslo (NO). ROGNE, Henrik [NO/NO]; Torsgate 1, N-0260 Oslo (NO). WANG, Dag [NO/NO]; Myrerveien 19, N-0494 Oslo (NO).

(74) PROTECTOR INTELLECTUAL PROPERTY CONSULTANTS AS; P.O. Box 5074 Majorstuen, N-0301 Oslo (NO).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H05B 3/06

(11) WO 03/043378 (13) A1

(21) PCT/US01/43042

(22) 9 Nov/nov 2001 (09.11.2001)

(25) en (26) en

(30) 10242.186 9 Nov/nov 2001 US (09.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • HEATER ASSEMBLY WITH A NON-UNIFORM CROSS SECTION
• ENSEMBLE CHAUFFAGE AVEC UNE SECTION TRANSVERSALE NON UNIFORME

(71, 72) SHERRILL, Jimmy, Lee [US/US]; 4350 North Quinland Lake Road, Cookeville, TN 38506 (US).

(74) PLATT, Michael, T. et al. / etc.; Patton Boggs LLP, 2550 M Street, N.W., Washington, DC 20037 (US).

(81) CA MX.

(51)⁷ H05B 6/14, G03G 15/20

(11) WO 03/043379 (13) A1

(21) PCT/JP02/11636

(22) 8 Nov/nov 2002 (08.11.2002)

(25) ja (26) ja

(30) 2001-349189 14 Nov/nov 2001 JP (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • HEATING ROLLER, HEATING BELT, IMAGE HEATING DEVICE, AND IMAGE FORMING DEVICE

• ROULEAU CHAUFFANT, BANDE CHAUFFANTE, DISPOSITIF CHAUFFANT A IMAGE ET DISPOSITIF DE FORMATION D'IMAGE

(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) IMAI, Masaru [JP/JP]; 53-4, Natsuzukuri 4-chome, Hirakata-shi, Osaka 573-0071 (JP). MIZUSAKI, Masakazu [JP/JP]; 9-37, Nanakuma 2-chome, Jonan-ku, Fukuoka-shi, Fukuoka 814-0133 (JP). NAKANO, Masaaki [JP/JP]; 18-21, Nakanoshinmachi, Shijonawate-shi, Osaka 575-0054 (JP). WATANABE, Syuuiti [JP/JP]; 10-5, Hashimotokosho, Yawata-shi, Kyoto 614-8323 (JP). FUJIMOTO, Keisuke [JP/JP]; 11-8, Kitakuzuha-cho, Hirakata-shi, Osaka 573-1102 (JP). INOUE, Masaomi [JP/JP]; 4-21-35, Tsutsujigaoka, Onojo-shi, Fukuoka 816-0962 (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) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H05B 6/70

(11) WO 03/043380 (13) A1

(21) PCT/FR02/03913

(22) 15 Nov/nov 2002 (15.11.2002)

(25) fr (26) fr

(30) 01/14834 16 Nov/nov 2001 FR (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MICROWAVE APPLYING APPARATUS
• APPAREIL D'APPLICATION DE MICRO-ONDES

(71) JOUAN ROBOTICS [FR/FR]; rue des Bruyères, Z.I. de Morlaas Berlanne, F-64160 Morlaas (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JACQUAULT, Patrick [FR/FR]; Villa Iguskian, route de la Vierge, F-64310 Saint Pee sur Nivelle (FR).

(74) CABINET CHAMBON; 16, boulevard d'Ormesson, F-95880 Enghien les Bains (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05B 6/80

(11) WO 03/043381 (13) A1

(21) PCT/JP02/11800

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 2001-347020 13 Nov/nov 2001 JP (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • HIGH-FREQUENCY HEATING APPARATUS

• DISPOSITIF DE CHAUFFAGE HAUTE FREQUENCE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-0050 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANZAKI, Kouji [JP/JP]; 647-10, Nukatabekitamachi, Yamatokoriyama-shi, Nara 639-1037 (JP). KAWAI, Kazuhiro [JP/JP]; 12-502, Hozumidai, Ibaraki-shi, Osaka 567-0044 (JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 28th Floor, Ark Mori Building, 12-32, Akasaka 1-chome, Minato-u, Tokyo 107-6028 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ H05B 33/12

(11) WO 03/043382 (13) A1

(21) PCT/JP02/10833

(22) 18 Oct/oct 2002 (18.10.2002)

(25) ja (26) ja

(30) 2001-350278 15 Nov/nov 2001 JP (15.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • COLOR LIGHT EMITTING DEVICE

• DISPOSITIF EMETTANT DE LA LUMIERE DE COULEUR

(71) IDEMITSU KOSAN CO., LTD. [JP/JP]; 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8321 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUMA, Hitoshi [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0293 (JP). EIDA, Mitsuru [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0293 (JP). HOSOKAWA, Chishio [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0293 (JP).

(74) WATANABE, Kihei; Shibashin Kanda Bldg. 3rd Floor, 26, Kanda Suda-cho 1-chome, Chiyoda-ku, Tokyo 101-0041 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H05B 33/18, 33/14, 33/20

(11) WO 03/043383 (13) A1

(21) PCT/KR02/02021

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 2001/70024 12 Nov/nov 2001 KR (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ORGANIC LIGHT-EMITTING DEVICE HAVING HIGH LUMINESCENT EFFICIENCY

• DISPOSITIF ELECTROLUMINESCENT ORGANIQUE A LUMINESCENCE HAUTEMENT EFFICACE

(71) NEOVIEW CO., LTD. [KR/KR]; 557-6, Gunup-Ri, Shilchon-Myun, Kwangju-Si, 464-871 Kyonggi-Do (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Hae-Won [KR/KR]; Doosan apt. 102-1207, Kwango-Dong, Icheon-Si, 467-704 Kyonggi-Do (KR).

(74) LEE, Sang-Hun; Han nuri Patent & Law Office, Suite 303, Back-Ak Bldg. 828-53, 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05B 37/02

(11) WO 03/043384 (13) A1

(21) PCT/IB02/04591

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 09/991,082 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ARCHITECTURE OF BALLAST WITH INTEGRATED RF INTERFACE

• ARCHITECTURE DE BALLAST AVEC INTERFACE RF INTEGREE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) WACYK, Ihor, T.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WANG, Ling; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WESSELS, Johannes, 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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for the following designation / pour la désignation suivante : CN

(51)⁷ H05B 39/04

(11) WO 03/043385 (13) A1

(21) PCT/US02/34051

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 10/007,741 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PHOTOSENSOR AND CONTROL SYSTEM FOR DIMMING LIGHTING FIXTURES TO REDUCE POWER CONSUMPTION

• PHOTODETECTEUR ET SYSTEME DE COMMANDE POUR LA GRADATION DE DISPOSITIFS D'ECLAIRAGE, PERMETTANT DE REDUIRE LA CONSOMMATION D'ENERGIE

(71) RENSSLAER POLYTECHNIC INSTITUTE [US/US]; 110 8th Street, Troy, NY 12108-3590 (US).

(72) BIERMAN, Andrew; 9 Mercer Street, Albany, NY 12203 (US).

(74) CASEY, Kevin, R.; RatnerPrestia, 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482-0980 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H05B 41/00

(11) WO 03/043386 (13) A1

(21) PCT/US02/21539

(22) 9 Jul/juil 2002 (09.07.2002)

(25) en (26) en

(30) 60/332,689 14 Nov/nov 2001 US (14.11.2001)

(30) 10/113,303 29 Mar/mar 2002 US (29.03.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • LAMP IGNITION

• ALLUMAGE DE LAMPE

(71) DELTA POWER SUPPLY INC. [US/US]; 11405 Groom Road, Cincinnati, OH 45242 (US).

(72) BEASLEY, Denny, D.; 8358 Ellewood, Cincinnati, OH 45241 (US).

(74) STALLARD, David, S. 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 TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05B 41/04

(11) WO 03/043387 (13) A1

(21) PCT/IB02/04446

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 01204297.4 12 Nov/nov 2001 EP (12.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • CIRCUIT ARRANGEMENT

• ENSEMBLE CIRCUIT

(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) DIJKSTRA, Jacob [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DUSSELDORP, Jan, C.; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05G 1/00

(11) WO 03/043388 (13) A2

(21) PCT/BE02/00170

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 09/987,966 16 Nov/nov 2001 US (16.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • ARTICLE IRRADIATION SYSTEM WITH MULTIPLE BEAM PATHS
• SYSTEME D'IRRADIATION D'ARTICLE A PLUSIEURS TRAJECTOIRES DE FAISCEAU

(71) ION BEAM APPLICATIONS S.A. [BE/BE]; Chemin Du Cyclotron, 2, B-1348 Louvain-La-Neuve (BE).

(72) ROSE, Graham, Thomas; 8 Vermont Avenue, Ottawa, Ontario K2G6J6 (CA).

(74) VAN MALDEREN, Joëlle et al. / etc.; Office Van Malderen, Place Reine Fabiola 6/1, B-1083 Brussels (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05G 1/00

(11) WO 03/043389 (13) A2

(21) PCT/US02/36111

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 09/992,274 14 Nov/nov 2001 US (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • X-RAY TUBE HEAT BARRIER
• BARRIERE THERMIQUE DE TUBE A RAYONS X

(71) KONINKLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, 5621 BA Eindhoven (NL). PHILIPS MEDICAL SYSTEMS (CLEVELAND), INC. [US/US]; 595 Miner road, Cleveland, OH 44143 (US).

(72) BITTNER, Todd, R.; 3011 W. Sunnyside Avenue, Chicago, IL 60625 (US). LU, Qing, K.; 3413 Charlemaine Drive, Aurora, IL 60504 (US). XU, Paul, M.; 259 Fox Chase Drive, North, Oswego, IL 60543 (US).

(74) CLAIR, Eugene, E.; Philips Medical Systems (Cleveland), Inc., 595 Miner Road, Cleveland, OH 44143 (US) et al. / etc.

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H05H 1/00

(11) WO 03/043390 (13) A2

(21) PCT/EP02/11601

(22) 17 Oct/oct 2002 (17.10.2002)

(25) de (26) de

(30) 101 56 615.8 17 Nov/nov 2001 DE (17.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • SYSTEM FOR GENERATING A LOCAL ELECTRON-CYCLOTRON MICROWAVE LOW-PRESSURE PLASMA AT A PREDETERMINED LOCATION WITHIN THE PROCESSING CHAMBER OF SAID SYSTEM

• SYSTEME PERMETTANT DE PRODUIRE UN PLASMA BASSE PRESSION MICRO-ONDES ELECTRON-CYCLOTRON LOCAL A UN EMPLACEMENT PREDEFINI A L'INTERIEUR DE LA CHAMBRE DE TRAITEMENT DUDIT SYSTEME

(71) FORSCHUNGSZENTRUM KARLSRUHE GMBH [DE/DE]; Weberstrasse 5, 76133 Karlsruhe (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ULRICH, Sven [DE/DE]; Gernot Strasse 13, 76297 Stutensee (DE). STÜBER, Michael [DE/DE]; Queichheimerhauptstrasse 218, 76829 Landau (DE). LEISTE, Harald [DE/DE]; Wiesenstrasse 29, 76356 Weingarten (DE). NIEDERBERGER, Lorenz [DE/DE]; Wörthstrasse 1, 68115 Heidelberg (DE). SELL, Konrad [DE/DE]; Ludwig-Wilhelm-strasse 1, 76131 Karlsruhe (DE). LATTEMANN, Martina [DE/DE]; Aixer-Strasse 7, 72072 Tübingen (DE). LOOS, Roland [DE/DE]; Hexenloch 9, 78120 Furtwangen (DE).

(74) FORSCHUNGSZENTRUM KARLSRUHE GMBH; Stabsabteilung Marketing, 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05K 1/09

(11) WO 03/043391 (13) A1

(21) PCT/US02/34475

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 10/008,422 13 Nov/nov 2001 US (13.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • MULTILAYER FLEXIBLE FR4 CIRCUIT

• CIRCUIT FR4 SOUPLE A COUCHES MULTIPLES

(71) MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) MOORE, Kevin, S.; 1541 Crowfoot Circle North, Hoffman Estates, IL 60194 (US). GALL, Thomas, P.; 1731 Maple Avenue, Northbrook, IL 60062 (US).

(74) MILLER, Thomas, V. 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H05K 3/28

(11) WO 03/043392 (13) A1

(21) PCT/SE01/02493

(22) 12 Nov/nov 2001 (12.11.2001)

(25) en (26) en

(43) 22 May/mai 2003 (22.05.2003)

(54) • METHOD AND ASSEMBLY FOR PRODUCING A PRINTED CIRCUIT BOARD
• PROCEDE ET ENSEMBLE DE PRODUCTION D'UN CARTE DE CIRCUIT IMPRIME

(71) ARRAY AB [SE/SE]; Önnerebrygga 13, S-421 57 Västra Frölunda (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) INGELHAG, Anders [SE/SE]; Solbänksgatan 40, S-413 19 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) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H05K 3/38, 1/03, 1/11, 3/00, 3/06, 3/18, 3/40, 3/46

(11) WO 03/043393 (13) A1

(21) PCT/JP02/11266

(22) 30 Oct/oct 2002 (30.10.2002)

(25) ja (26) ja

(30) 2001-345607 12 Nov/nov 2001 JP (12.11.2001)

- (43) 22 May/mai 2003 (22.05.2003)
- (54) ● CIRCUIT BOARD AND ITS MANUFACTURING METHOD
● CARTE DE CIRCUIT IMPRIME ET PROCEDE DE FABRICATION
- (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) SUGAWA, Toshio [JP/JP]; 5-10-27, Fujigao, Katano-shi, Osaka 576-0022 (JP).
TAKASE, Yoshihisa [JP/JP]; 2-5-17-508, Konoike-cho, Higashiosaka-shi, Osaka 578-0972 (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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ H05K 3/40, G06K 19/077, B26D 7/27
- (11) WO 03/043394 (13) A1
- (21) PCT/EP02/12774
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) de (26) de
- (30) 101 56 395.7 16 Nov/nov 2001 DE (16.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) ● METHOD AND DEVICE FOR THROUGH-HOLE PLATING OF SUBSTRATES AND PRINTED CIRCUIT BOARDS
● PROCEDE ET DISPOSITIF DE METALLISATION DE SUBSTRATS ET PLAQUETTES
- (71) GIESECKE & DEVRIENT GMBH [DE/DE]; Prinzregentenstrasse 159, 81677 MÜNCHEN (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) USNER, Jürgen [DE/DE]; Stiftsbogen 75, 81375 München (DE).
WELLING, Ando [DE/DE]; Am Isental 5, 84424 Isen (DE).
- (74) KLUNKER, SCHMITT-NILSON, HIRSCH; Winzererstrasse 106, 80797 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H05K 5/02
- (11) WO 03/043395 (13) A1
- (21) PCT/EP02/12439
- (22) 7 Nov/nov 2002 (07.11.2002)
- (25) de (26) de
- (30) 101 55 810.4 14 Nov/nov 2001 DE (14.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) ● HOUSING COMPONENT FOR A DEVICE TO BE VENTILATED
● COMPOSANT DE BOITIER POUR DISPOSITIF A VENTILER
- (71) MINEBEA CO., LTD. [JP/JP]; 18F Arco Tower, 1-8-1, Shimo-Meguro, Meguro-ku, Tokyo 153 0064 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BREIER, Anton [DE/DE]; Lechrainhöhe 17, 86316 Friedberg (DE).
- (74) LIESEGANG, Eva et al. / etc.; Boehmert & Boehmert, Pettenkoferstrasse 20-22, 80336 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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ H05K 7/00
- (11) WO 03/043396 (13) A1
- (21) PCT/KR02/01890
- (22) 10 Oct/oct 2002 (10.10.2002)
- (25) ko (26) en
- (30) 2001/62519 10 Oct/oct 2001 KR (10.10.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) ● WIRE ARRANGER
● DISPOSITIF D'ARRANGEMENT DE CABLES
- (71, 72) BAHK, Jong, Yoon [KR/KR]; 38-504 Hanshin 3 cha, 3 Gigu Apt., 1-1 Banpo 2 dong, Seocho Gu, Seoul 137-767 (KR).
- (81) BG BR CA CN CO CU HU ID IL IN IS JP LT MA MX NO NZ PH PL RO SG SK UA US UZ VN YU ZA.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ H05K 7/20, G06F 1/20, H01L 23/473
- (11) WO 03/043397 (13) A1
- (21) PCT/JP02/07010
- (22) 10 Jul/juil 2002 (10.07.2002)
- (25) ja (26) ja
- (30) 2001-345507 12 Nov/nov 2001 JP (12.11.2001)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) ● ELECTRONIC APPARATUS
● APPAREIL ELECTRONIQUE
- (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) OHASHI, Shigeo [JP/JP]; c/o Hitachi, Ltd. Mechanical, Engineering Research Laboratory, 502, Kandatsu-machi, Tsuchiura-shi, Ibaraki 300-0013 (JP).
KONDO, Yoshihiro [JP/JP]; c/o Hitachi, Ltd. Mechanical, Engineering Research Laboratory, 502, Kandatsu-machi, Tsuchiura-shi, Ibaraki 300-0013 (JP).
MINAMITANI, Rintaro [JP/JP]; c/o Hitachi, Ltd. Mechanical, Engineering Research Laboratory, 502, Kandatsu-machi, Tsuchiura-shi, Ibaraki 300-0013 (JP).
NAGANAWA, Takashi [JP/JP]; c/o Hitachi, Ltd. Mechanical, Engineering Research Laboratory, 502, Kandatsu-machi, Tsuchiura-shi, Ibaraki 300-0013 (JP).
YOSHITOMI, Yuuji [JP/JP]; c/o Hitachi, Ltd. Mechanical, Engineering Research Laboratory, 502, Kandatsu-machi, Tsuchiura-shi, Ibaraki 300-0013 (JP).
SASAKI, Yasuhiko [JP/JP]; c/o Hitachi, Ltd. Mechanical, Engineering Research Laboratory, 502, Kandatsu-machi, Tsuchiura-shi, Ibaraki 300-0013 (JP).
NAKAGAWA, Tsuyoshi [JP/JP]; c/o Hitachi, Ltd. Internet, Systems Platform Division, 810, Shimoimaizumi, Ebina-shi, Kanagawa 243-0435 (JP).
- (74) OGAWA, Katsuo; Nitto International Patent Office, Yusenkayabacho Building, 9-8, Nihonbashi-kayabacho 2-chome, Chuo-ku, Tokyo 103-0025 (JP).
- (81) CA CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ H05K 7/20
- (11) WO 03/043398 (13) A1
- (21) PCT/US02/36445
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (30) 2,361,970 14 Nov/nov 2001 CA (14.11.2001)
- (30) 10/293,218 12 Nov/nov 2002 US (12.11.2002)
- (43) 22 May/mai 2003 (22.05.2003)
- (54) ● PASSIVE COOLING APPARATUS FOR AN OUTDOOR CABINET
● APPAREIL DE REFROIDISSEMENT PASSIF POUR ARMOIRE EXTÉRIEURE
- (71) CATENA NETWORKS, INC. [US/US]; 303 Twin Dolphin Drive, Suite 600, Redwood Shores, CA 94065 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VAN GAAL, Adrianus [CA/CA]; 117 Knudson Drive, Kanata, Ontario K2K 2L5 (CA).
- (74) HAMILTON, Charles, L. et al. / etc.; TOWNSEND AND TOWNSEND AND

CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H05K 9/00, C08K 9/02, H01B 1/22

(11) WO 03/043399 (13) A1

(21) PCT/GB02/05168

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 127320.0 14 Nov/nov 2001 GB (14.11.2001)

(43) 22 May/mai 2003 (22.05.2003)

(54) • REDUCTION OF ELECTROMAGNETIC RADIATION
• REDUCTION DE RAYONNEMENT ELECTROMAGNETIQUE

(71) IDA (EMC) LIMITED [GB/GB]; Belasis Business Centre, Belasis Hall Technology Park, Billingham, Cleveland TS23 4EA (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARPER, Thomas, William [GB/GB]; 58 Earlsdon Avenue, Middlesbrough, Cleveland TS5 8JR (GB). PATTON, Kenneth, Gerard [GB/GB]; 1 Longshaw Close, Ingleby Barwick, Stockton-on-Tees, Cleveland TS17 0UF (GB). LAX, David, Julian [GB/GB]; 3 Curlew Lane, Stockton-on-Tees, Cleveland TS20 1NA (GB). METCALFE, Colin, Thomas [GB/GB]; 58 Earlsdon Avenue, Middlesbrough, Cleveland TS5 8JR (GB).

(74) BAIN SMITH, Timothy; Wickens Manor, Charing, Nr., Ashford, Kent TN27 0DT (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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05K 13/08

(11) WO 03/043400 (13) A1

(21) PCT/US02/36154

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(30) 60/338,233 13 Nov/nov 2001 US (13.11.2001)

(30) 60/356,801 13 Feb/fév 2002 US (13.02.2002)

(30) 60/374,964 22 Apr/avr 2002 US (22.04.2002)

(43) 22 May/mai 2003 (22.05.2003)

(54) • PICK AND PLACE MACHINE WITH COMPONENT PLACEMENT INSPECTION

• MACHINE DE TRANSFERT AVEC FONCTION DE CONTROLE DU POSITIONNEMENT DES COMPOSANTS

(71) CYBEROPTICS CORPORATION [US/US]; 5900 Golden Hills Drive, Golden Valley, MN 55416 (US).

(72) DUQUETTE, David, W.; 5101 13th Avenue South, Minneapolis, MN 55417 (US).

HAUGEN, Paul, R.; 9625 Edgewood Road, Bloomington, MN 55438 (US). FISHBAINE, David; 4815 Westgate Road, Minnetonka, MN 55345 (US). ROTH, Scott, D.; 10 Lunt Street, Newburyport, MA 01950 (US). BUSHMAN, Thomas, W.; 31 Shorewood Road, Marblehead, MA 01945 (US). GAIDA, John, D.; 1409 McKnight Circle, Victoria, MN 55386 (US). MADSEN, David, D.; 16610 N. 11th Street, Lakeland, MN 55043 (US). DALE, Theodore, Paul; 3940 14th Avenue South, Minneapolis, MN 55407 (US). LIBERTY, Todd, D.; 14112 Elmira Court, Apple Valley, MN 55124 (US). BUCHIKA, Brant, O.; 3425 Elmwood Place, Minnetonka, MN 55345 (US).

(74) CHRISTENSON, Christopher, R. 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 ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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