

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

- (51) Not classified / non classée
(11) WO 2004/089056 (13) A2
(21) PCT/US2004/009747
(22) 31 Mar/mar 2004 (31.03.2004)
(25) en (26) en
(30) 60/459,747 1 Apr/avr 2003 US (01.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • EXEMPT SOURCE FOR AN X-RAY FLUORESCENCE DEVICE
• SOURCE HORS PRESCRIPTIONS EN MATIERE DE RADIOACTIVITE POUR DISPOSITIF A RAYONS X PAR FLUORESCENCE
- (71) KEYMASTER TECHNOLOGIES, INC. [US/US]; 415 North Quay, Kennewick, WA 99336 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KENNING, Donald, K. [US/US]; 9000 West Metaline Avenue, Kenniwich, WA 99352 (US). PRICE, Stephen, L. [US/US]; 2435 Harris Avenue, Richland, WA 99352 (US). KAISER, Bruce, J. [US/US]; 587 E. Golden Pheasant Drive, Draper, UT 84020 (US).
- (74) BEULICK, John, S. et al. / etc.; Armstrong Teasdale, LLP, One Metropolitan Square, St. Louis, MO 63102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations
-
- (51) Not classified / non classée
(11) WO 2004/089058 (13) A2
(21) PCT/US2004/009849
(22) 31 Mar/mar 2004 (31.03.2004)
(25) en (26) en
(30) 60/460,657 4 Apr/avr 2003 US (04.04.2003)
(30) 10/703,688 7 Nov/nov 2003 US (07.11.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CANONICALIZATION OF TERMS IN A KEYWORD-BASED PRESENTATION SYSTEM
• CANONISATION DE TERMES DANS UN SYSTÈME DE PRÉSENTATION À BASE DE MOTS CLÉS
- (71) YAHOO! INC. [US/US]; 701 First Avenue, Sunnyvale, CA 94089 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LIU, Hongche [CN/US]; 45573 Cherokee Lane, Fremont, CA 95439 (US). RAJ, Ravi, Narasimhan [US/US]; 1839 Fallen Leaf Lane, Los Altos, CA 94024 (US).
- (74) ALBERT, Philip, H. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ A01D 23/02, 23/06
(11) WO 2004/089059 (13) A1
(21) PCT/GB2004/001407
(22) 30 Mar/mar 2004 (30.03.2004)
(25) en (26) en
(30) 0307915.9 5 Apr/avr 2003 GB (05.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHODS AND APPARATUS FOR TOPPING VEGETABLES PRIOR TO HARVESTING
• PROCEDES ET APPAREIL POUR L'ETETAGE DE LEGUMES PREALABLEMENT A LA RECOLTE
- (71) NICHOLSON MACHINERY LIMITED [GB/GB]; 33 Common Lane, Southery, Nr. Downham Market, Norfolk PE38 0PB (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NICHOLSON, David [GB/GB]; Nicholson Machinery Limited, 33 Common Lane, Southery, Nr. Downham Market, Norfolk PE38 0PB (GB).
- (74) I.P. 21 LIMITED; Norwich Research Park, Colney, Norwich NR4 7UT (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A01D 45/02, A01F 11/06

(11) WO 2004/089060 (13) A1

(21) PCT/SI2004/000017

(22) 5 Apr/avr 2004 (05.04.2004)

(25) sl (26) en

(30) P-200300089 8 Apr/avr 2003 SI (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CORN HARVESTER

• MOISSONNEUSE A MAIS

(71) SIP STROJNA INDUSTRIJA D.D. ?EMPETER V SAVINJSKI DOLINI [SI/SI]; Juhartova ulica 2, ?EMPETER V SAVINJSKI DOLINI, 3311 (SI).

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

(72, 75) HAJN?EK, Sebastjan [SI/SI]; Pari lje, BRASLOVCE, 3314 (SI).

(74) BOR?TAR, Du?an; European Patent Attorney, Nova ulica 11, DOM ALE, 1230 (SI).

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

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

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(51)⁷ A01G

(11) WO 2004/089061 (13) A2

(21) PCT/IL2004/000322

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 60/461,823 11 Apr/avr 2003 US (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LIQUID DISCHARGE APPARATUS PARTICULARLY USEFUL AS A PORTABLE INOCULATION GUN FOR ANTI-VIRUS INOCULATION OF PLANTS

• APPAREIL DE DECHARGE DE LIQUIDE PARTICULIEREMENT UTILE EN TANT QUE PISTOLET D'INOCULATION PORTATIF POUR L'INOCULATION ANTIVIRALE DE PLANTES

(71) BIO-OZ ADVANCED BIOTECHNOLOGICAL AGRICULTURE LTD. [IL/IL]; Yad Mordechai, 79145 D. N. Hof Ashkelon (IL).

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

(72, 75) HEMO, Rony [IL/IL]; Kibbutz Kfar Aza, 85142 MP HaNegev (IL). MAOZ, Itay [IL/IL]; Kibbutz Nahal Oz, 85145 MP HaNegev (IL). DLOOMI, Yarden [IL/IL]; Kibbutz Nahal-Oz, 85145 MP HaNegev (IL). YARDEN, Gal [IL/IL]; Nir-Moshe 215, 85370 MP HaNegev (IL).

(74) G.E. EHRLICH (1995) LTD.; 11 Menachem Begin Street, 52 521 Ramat Gan (IL).

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

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

(51)⁷ A01G 7/00

(11) WO 2004/089062 (13) A1

(21) PCT/JP2004/004619

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-103345 7 Apr/avr 2003 JP (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD OF LAND REFORM FOR DRY LAND FORESTATION

• PROCEDE DE MISE EN VALEUR DES TERRES POUR LE REBOISEMENT EN TERRE SECHE

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).

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

(72, 75) YAMADA, Koichi [JP/JP]; 5-8, Toranomon 5-chome, Minato-ku, Tokyo 105-0001 (JP). KOJIMA, Toshinori [JP/JP]; 115, 17-1, Sekimachi-minami 4-chome, Nerima-ku, Tokyo 177-0053 (JP). ABE, Yukuo [JP/JP]; 14-13, Onogawa, Tsukuba-shi, Ibaraki 305-0053 (JP).

(74) NISHIZAWA, Toshio; Three F Minami Aoyama Bldg. 7F, 11-1, Minami-Aoyama 6-chome, Minato-ku, Tokyo 107-0062 (JP).

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

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

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

(51)⁷ A01G 17/02

(11) WO 2004/089063 (13) A2

(21) PCT/FR2004/000714

(22) 23 Mar/mar 2004 (23.03.2004)

(25) fr (26) fr

(30) 03/03944 31 Mar/mar 2003 FR (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND DEVICE FOR ANALYSIS OF THE STRUCTURE AND THE COMPOSITION OF CULTURED HEDGES SUCH AS FOR EXAMPLE ROWS OF VINES

• PROCEDE ET DISPOSITIF D'ANALYSE DE LA STRUCTURE ET DE LA CONSTITUTION DE HAIES CULTURALES, TELLES QUE, PAR EXEMPLE, DES RANGS DE VIGNE

(71) PELLENC [FR/FR]; Route de Cavaillon, Quartier Notre-Dame, F-84120 Pertuis (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PELLENC, Roger [FR/FR]; 110, chemin de l'Abbaye, F-84120 Pertuis (FR).

(74) MAREC, Pierre; 28 et 32, rue de la Loge, F-13002 Marseille (FR).

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

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

(51)⁷ A01G 27/06

(11) WO 2004/089064 (13) A1

(21) PCT/ES2004/070018

(22) 6 Apr/avr 2004 (06.04.2004)

(25) es (26) es

(30) 200300922 7 Apr/avr 2003 ES (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM OF PLANT POTS FOR FLOWER STANDS

• SYSTEME DE POTS DE FLEURS POUR JARDINAGE

- (71, 72) **BAIXAS GUILLEM, Rafel** [ES/ES]; Plaza Barcelona, 15 3° 3ª, E-08190 Sant Cugat del Vallès (ES).
- (74) **ZEA CHECA, Bernabé**; ZEA, BARLOCCI, MARKVARDSEN PATENTS, S.L., Balmes, 30 1° 1ª, 08007 Barcelona (ES).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A01H 1/04**
- (11) **WO 2004/089065** (13) A1
- (21) PCT/NL2004/000244
- (22) **13 Apr/avr 2004 (13.04.2004)**
- (25) nl (26) en
- (30) 1023179 **14 Apr/avr 2003 NL (14.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • BRASSICA PLANTS WITH HIGH LEVELS OF ANTICARCINOGENIC GLUCOSINOLATES
- PLANTES BRASSICA AVEC DES NIVEAUX ELEVES DE GLUCOSINOLATES ANTI-CANCERIGENES
- (71) **BEJO ZADEN B.V.** [NL/NL]; Trambaan 1, NL-1749 CZ Warmenhuizen (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BARTEN, Piet** [NL/NL]; Franse Pad 10, NL-1723 AJ Noord-Scharwoude (NL).
- (74) **MANTEN, Annemieke**; Arnols & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A01H 5/00, C12N 15/29**
- (11) **WO 2004/089066** (13) A1
- (21) PCT/AU2004/000493
- (22) **14 Apr/avr 2004 (14.04.2004)**
- (25) en (26) en
- (30) 2003901796 **14 Apr/avr 2003 AU (14.04.2003)**
- (30) 2004901259 **10 Mar/mar 2004 AU (10.03.2004)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MANIPULATION OF ORGANIC ACID BIOSYNTHESIS AND SECRETION
- MANIPULATION DE LA BIOSYNTHESE ET DE LA SECRETION D'ACIDES ORGANIQUES
- (71) **AGRICULTURE VICTORIA SERVICES PTY LTD** [AU/AU]; 475 Mickleham Road, Attwood, Victoria 3049 (AU). **AGRESEARCH LIMITED** [NZ/NZ]; 5th Floor, Tower Block, Ruakura Research Centre, East Street, Hamilton (NZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SPANGENBERG, German** [UY/AU]; 56 Arthur Street, Bundoora, Victoria 3083 (AU). **EMMERLING, Michael** [DE/AU]; 249 Nepean Street, Greensborough, Victoria 3088 (AU). **ONG, Eng, Kok** [MY/AU]; 19 Overland Drive, Vermont South, Victoria 3133 (AU). **MENDEZ, Ramiro** [AR/AU]; 38 Dunn Street, Kingsbury, Victoria 3082 (AU). **PANTER, Stephen** [AU/AU]; 16/18-20 Greenhill Road, Bundoora, Victoria 3082 (AU). **LABANDERA, Marcel** [UY/AU]; 17 Edward Street, Macleod, Victoria 3085 (AU).
- (74) **FREEHILLS CARTER SMITH BEADLE**; Level 43, 101 Collins Street, Melbourne, Victoria 3000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A01H 5/00, 5/08, 5/10**
- (11) **WO 2004/089067** (13) A1
- (21) PCT/EP2003/003987
- (22) **14 Apr/avr 2003 (14.04.2003)**
- (25) en (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FRUITS OF THE GENUS CAPSICUM WITH IMPROVED TASTE AND ENHANCED NUTRITIONAL VALUE
- FRUITS DU GENRE CAPSICUM A GOUT AMELIORE ET VALEUR NUTRITIVE ACCRUE
- (71) **ENZA ZADEN DE ENKHUIZER ZAADHANDEL B.V.** [NL/NL]; Haling 1E, NL-1602 DB Enkhuiizen (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VAN DER HEIDEN, Anton, Arnold** [NL/NL]; Sebastiaan Centenweg 10, NL-1602 MN Enhuizen (NL).
- (74) **BRUIN, Cornelis, Willem**; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A01J 5/013**
- (11) **WO 2004/089069** (13) A1
- (21) PCT/NZ2004/000071
- (22) **13 Apr/avr 2004 (13.04.2004)**
- (25) en (26) en
- (30) 525350 **14 Apr/avr 2003 NZ (14.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A01H 5/00, 5/10, 1/06**
- (11) **WO 2004/089068** (13) A1
- (21) PCT/ES2004/070019
- (22) **7 Apr/avr 2004 (07.04.2004)**
- (25) es (26) es
- (30) P 200300859 **10 Apr/avr 2003 ES (10.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SUNFLOWER SEEDS WITH HIGH DELTA-TOCOPHEROL CONTENT
- GRAINES DE TOURNESOL A CONTENU ELEVE EN DELTA-TOCOPHEROLS
- (71) **CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS** [ES/ES]; Serrano, 117, E-28006 Madrid (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VELASCO VARO, Leonardo** [ES/ES]; INSTITUTO DE AGRICULTURA SOSTENIBLE, CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, Alameda del Obispo s/n, APDO 4084, E-14004 Córdoba (ES). **FERNÁNDEZ MARTÍNEZ, José, M.** [ES/ES]; INSTITUTO DE AGRICULTURA SOSTENIBLE, CONSEJO SUPERIOR INVESTIG. CIENTIFICAS, Alameda del Obispo s/n Apdo 4084, E-14004 Córdoba (ES).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (54) • SENSOR APPARATUS FOR EXTRACTION MACHINERY FOR MILKING MAMMALS
• APPAREIL A CAPTEURS POUR MACHINE A TRAIRE
- (71) SENSORTEC LIMITED [NZ/NZ]; Waikato Innovation Park, PO Box 11004, Ruakura Road, Hamilton, 2001 (NZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MEIN, Dr. Graeme [AU/AU]; 20 K Road, Werribee, Victoria 3030 (AU).
- (74) MURPHY, Simon, J et al. / etc.; Private Bag 3140, Level 12, KPMG Centre, 85 Alexandra Street, Hamilton, 2001 (NZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 61/00, 75/04
(11) WO 2004/089070 (13) A1
(21) PCT/KR2004/000764
(22) 1 Apr/avr 2004 (01.04.2004)
(25) en (26) en
(30) 20-2003-0010503 7 Apr/avr 2003 KR (07.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • BLADDER FOR FISHING NET OF SEA CULTIVATION
• BOUEE POUR FILET DE PECHE DE CULTURE EN MER
- (71, 72) LEE, Sung-Yull [KR/KR]; 7-1 Jukkuk-Ri, Jinyeong-Eup, Gimhae, Gyeongnam-Do 621-801 (KR).
- (74) KIM, Young-Ok; 1242-7, Yeonsan 5-Dong, Yeonje-Gu, Busan 611-085 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A01K 67/027, C12N 15/85, C07K 14/705
(11) WO 2004/089071 (13) A1
(21) PCT/IB2004/001110
- (22) 12 Apr/avr 2004 (12.04.2004)
(25) en (26) en
(30) 60/462,634 14 Apr/avr 2003 US (14.04.2003)
(30) 60/518,110 7 Nov/nov 2003 US (07.11.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • NON-HUMAN MAMMALS AND ANIMAL CELLS CONTAINING A MUTATED ALPHA2/DELTA GENE
• MAMMIFERES NON HUMAINS ET CELLULES ANIMALES PRESENTANT UN GENE SG(A)2/SG(D)
- (71) WARNER-LAMBERT COMPANY LLC [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARON, Scott, Phillip [US/US]; Pfizer Global Research and Development, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US). Hidayetoglu, Debra, Lynn [US/US]; Pfizer Global Research and Development, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US). Johns, Margaret, Ann [US/US]; 4239 Glengary Drive N. E., Atlanta, GA 30342 (US). Offord, James, David [US/US]; Pfizer Global Research and Development, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US). Su, Ti-Zhi [US/US]; Pfizer Global Research and Development, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US).
- (74) FULLER, Grover, F., Jr. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
- (51)⁷ A01K 67/027, C12N 15/85, C07K 14/705
(11) WO 2004/089072 (13) A2
(21) PCT/IB2004/001187
(22) 5 Apr/avr 2004 (05.04.2004)
(25) en (26) en
(30) 60/462,634 14 Apr/avr 2003 US (14.04.2003)
(30) 60/518,110 7 Nov/nov 2003 US (07.11.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ANIMALS AND CELLS CONTAINING A MUTATED α_2/δ_1 GENE
• ANIMAUX ET CELLULES CONTENANT UN GENE SG(A)2/D1 MUTE
- (71) WARNER-LAMBERT COMPANY LLC [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARON, Scott, Phillip [US/US]; Pfizer Global Research and Development, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US). Hidayetoglu, Debra, Lynn [US/US]; Pfizer Global Research and Development, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US). Johns, Margaret, Ann [US/US]; 4239 Glengary Drive N. E., Atlanta, GA 30342 (US). Offord, James, David [US/US]; Pfizer Global Research and Development, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US). Su, Ti-Zhi [US/US]; Pfizer Global Research and Development, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US).
- (74) LUMB, J., Trevor 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A01K 67/027, C12N 15/85, C07K 14/705
(11) WO 2004/089073 (13) A2
(21) PCT/US2004/010292
(22) 1 Apr/avr 2004 (01.04.2004)
(25) en (26) en
(30) 60/460,835 3 Apr/avr 2003 US (03.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • INDUCIBLE BREAST CANCER MODEL
• MODELE INDUCTIBLE POUR CANCER DU SEIN
- (71) GENPATH PHARMACEUTICALS, INCORPORATED [US/US]; 300 Technology Square, 7th Floor, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HEYER, Joerg [DE/US]; 6 Fainwood Circle, Cambridge, MA 02139 (US). CHIN, Lynda [US/US]; 565 Boylston Street, Brookline, MA 02445 (US). DEPINHO, Ronald A. [US/US]; 565 Boylston Street, Brookline, MA 02445 (US). ZHOU, Yinghui [CN/US]; 6 Edward Place, Medford, MA 02155 (US).
- (74) GUNNISON, Jane T. et al. / etc.; c/o Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

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

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

(51)⁷ A01K 83/00, 91/00

(11) WO 2004/089074 (13) A1

(21) PCT/CN2004/000062

(22) 16 Jan/jan 2004 (16.01.2004)

(25) zh (26) zh

(30) 03113723.7 27 Jan/jan 2003 CN (27.01.2003)

(30) 03224368.5 13 Mar/mar 2003 CN (13.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AN ANGLING GEAR

• EQUIPEMENT DE PECHE A LA LIGNE

(71, 72) LAI, Jiahong [CN/CN]; Juhaoyuan, N^o.18 Huabiannan Road, Huizhou, Guangdong 516001 (CN).

(74) GUANGZHOU YUEGAO PATENT AGENT LIMITED CORPORATION; Room A, B, C, 5/F, Dangxiao Building, Jianshe Road, Guangzhou, Guangdong 510060 (CN).

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

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

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(51)⁷ A01M

(11) WO 2004/089075 (13) A2

(21) PCT/CH2004/000254

(22) 11 Apr/avr 2004 (11.04.2004)

(25) de (26) de

(30) 658/03 11 Apr/avr 2003 CH (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR CONTROLLING HARMFUL MICRO-ORGANISMS AND INSECTS WITHIN THE CONTEXT OF PLANT PROTECTION BY MEANS OF DIPOLE ELECTRIC AIR JET SPRAY TECHNOLOGY, WATER CONTAINING OZONE AND UV-C RADIATION

• PROCEDE POUR CONTROLER DES MICRO-ORGANISMES ET INSECTES NUISIBLES DANS LE CADRE DE LA PROTECTION VEGETALE, AU MOYEN D'UNE TECHNIQUE DE PULVERISATION ELECTRIQUE DIPOLAIRE DE JET D'AIR, GRACE A DE L'EAU CONTENANT DE L'OZONE ET A UN RAYONNEMENT UV-C

(71, 72) STEFFEN, Hanspeter [CH/CH]; Lindenstrasse 39, CH-3427 Utzenstorf (CH).

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

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

Declarations / Déclarations :

(r) for all designations / pour toutes les designations

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

(t) for all designations / pour toutes les designations

(u) for / pour US only / seulement

(51)⁷ A01M 1/20

(11) WO 2004/089076 (13) A1

(21) PCT/JP2004/004899

(22) 5 Apr/avr 2004 (05.04.2004)

(25) ja (26) ja

(30) 2003-102369 7 Apr/avr 2003 JP (07.04.2003)

(30) 2004-95479 29 Mar/mar 2004 JP (29.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CHEMICAL VOLATIZING DEVICE

• DISPOSITIF DE VOLATILISATION CHIMIQUE

(71) DAINIHON JOCHUGIKU CO., LTD. [JP/JP]; 4-11, Tosabori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0001 (JP). HANSHIN SHOUJI CO., LTD. [JP/JP]; 2-34, Higashishiriike-cho 5-chome, Nagata-ku, Kobe-shi, Hyogo 653-0022 (JP).

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

(72, 75) KATSUDA, Yoshio [JP/JP]; 10-10, Kamikoutouen 2-chome, Nishinomiya-shi, Hyogo 662-0813 (JP). IWASHIRO, Takeo [JP/JP]; 2-34, Higashishiriike-cho 5-chome, Nagata-ku, Kobe-shi, Hyogo 653-0022 (JP).

(74) AKAO, Naoto; Room 402, Leo-Tatsuoka, 8-1, Yushima 4-chome, Bunkyo-ku, Tokyo 113-0034 (JP).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A01M 7/00

(11) WO 2004/089077 (13) A1

(21) PCT/GB2004/001460

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0308507.3 12 Apr/avr 2003 GB (12.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CROP SPRAYING APPARATUS
• PULVERISATEUR DE RECOLTE

(71, 72) KNIGHT, Brian, George [GB/GB]; c/o Knight Farm Machinery Limited, Wireless Hill, South Luffenham, Oakham, Rutland LE15 8NF (GB).

(74) MAGUIRE BOSS; 5 Crown Street, St Ives, Cambridgeshire PE27 5EB (GB).

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

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

(51)⁷ A01M 21/04

(11) WO 2004/089078 (13) A1

(21) PCT/CA2004/000524

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 2,425,029 10 Apr/avr 2003 CA (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD OF DESTROYING SEEDS
• PROCEDE DE DESTRUCTION DES SEMENCES

(71, 72) **KLAPTCHUK, Peter** [CA/CA]; Box 26030, 1850 Industrial Drive, Regina, Saskatchewan S4R 8R7 (CA).

(74) **FURMAN, Cory**; 1400 - 2002 Victoria Avenue, Regina, Saskatchewan S4P 0R7 (CA).

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

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

(51)⁷ A01M 23/04, 23/10, 23/18, 23/08, 23/12, 23/06, 23/20, 23/22

(11) **WO 2004/089079** (13) A1

(21) PCT/CA2004/000523

(22) **8 Apr/avr 2004 (08.04.2004)**

(25) en (26) en

(30) 10/408,460 **8 Apr/avr 2003** US (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PEST TRAP MONITORING SYSTEM

• SYSTEME DE SURVEILLANCE DE PIEGE POUR PARASITES

(71) **GOSELIN EMMS INC.** [CA/CA]; 60 Riverbend Avenue, Winnipeg, Manitoba R2M 2N6 (CA).

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

(72, 75) **GOSELIN, Joel, Norman, Joseph** [CA/CA]; 60 Riverbend Avenue, Winnipeg, Manitoba R2M 2N6 (CA).

(74) **AIKINS PATENT COMPANY**; 30th Floor - 360 Main Street, Winnipeg, Manitoba R3C 4G1 (CA).

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

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

(51)⁷ A01N

(11) **WO 2004/089080** (13) A2

(21) PCT/IL2004/000313

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) en (26) en

(30) 155304 **9 Apr/avr 2003** IL (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PEST BARRIER

• BARRIERE CONTRE LES PARASITES

(71) **KAFRIT INDUSTRIES (1993) LTD.** [IL/IL]; M.P. Negev, 85142 Kfar-Aza (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SADOVSKI, Arie, Y.** [IL/IL]; 34 Hagalil St., 75236 Rishon-Lezion (IL). **SHACHAR, Reuven** [IL/IL]; M.P. Negev, 75236 Kfar-Aza (IL). **SCHWARTZ, Hana** [IL/IL]; 74 Rimon St., M.P. Har Hevron, 90406 Nahal Shima (IL).

(74) **MUSHKIN, Noam**; P.O.Box 1175, 84111 Beer-Sheva (IL).

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

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

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

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

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A01N

(11) **WO 2004/089081** (13) A2

(21) PCT/IL2004/000317

(22) **8 Apr/avr 2004 (08.04.2004)**

(25) en (26) en

(30) 155435 **14 Apr/avr 2003** IL (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SOLID BIOCIDES FORMULATIONS

• FORMULATIONS BIOCIDES SOLIDES

(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) **FISHLER, Theodor Morel** [IL/IL]; 20 Keren Ha'Yesod Street, 34970 Haifa (IL).

(74) **LUZZATTO, Kfir et al.** / etc.; P.O. Box 5352, 84152 Beer Sheva (IL).

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

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

(51)⁷ A01N

(11) **WO 2004/089082** (13) A2

(21) PCT/US2004/010387

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 60/460,272 **3 Apr/avr 2003** US (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD OF IN SITU BLENDING OF SOIL TO REDUCE CONCENTRATION OF TOXIC RESIDUE IN THE SOIL

• PROCEDE DE MELANGE IN SITU DE SOLS, PERMETTANT DE REDUIRE LA CONCENTRATION DE RESIDUS TOXIQUES DANS LE SOL

(71, 72) **BRUSO, Bruce, L.** [US/US]; RR 1, Box 1T, East Mountain Road, Hegins, PA 17938 (US).

(74) **NASH, Steven, A.**; Drinker Biddle & Reath LLP, One Logan Square, 18th and Cherry Streets, Philadelphia, PA 19103 (US).

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

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

(51)⁷ A01N

(11) **WO 2004/089083** (13) A2

(21) PCT/US2004/009760

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 60/459,105 **31 Mar/mar 2003** US (31.03.2003)

(30) 10/805,883 **22 Mar/mar 2004** US (22.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PEST CONTROL FORMULATION AND DISPENSER

- PREPARATION ANTIPARASITAIRE ET APPAREIL DE DISTRIBUTION ASSOCIE
- (71) **SERGEANT'S PET CARE PRODUCTS** [—/US]; Suite 100, 2637 South 158th Plaza, Omaha, Nebraska 68130-1703 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KELLEY, Donald W.** [US/US]; 608 N. Palestine, Athens, Texas 75751 (US).
- (74) **AMJAD, Holly, M. et al.** / etc.; 700 W. 47th Street, Suite 1000, Kansas City, MO 64112 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ A01N 1/00
- (11) **WO 2004/089085** (13) A2
- (21) PCT/US2004/010180
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) en (26) en
- (30) 60/459,981 **4 Apr/avr 2003** US
(04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DEVICE FOR SEPARATING GAS FROM A LIQUID PATH
• DISPOSITIF PERMETTANT DE SEPARER UN GAZ D'UNE VOIE LIQUIDE
- (71) **ORGAN RECOVERY SYSTEMS, INC.** [US/US]; 2570 E. Devon Ave., Des Plaines, IL 60018 (US).
- (72, 75) **WRIGHT, David, Walter** [US/US]; 5 Willowleaf Drive, Littleton, CO 80127 (US).
GARLAND, Jeffrey, C. [US/US]; 10080 South Blackbird Place, Littleton, CO 80126 (US).
- (74) **BERRIDGE, WILLIAM, P.**; P.O. Box 19928, Alexandria, VA 22320 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A01N 25/34, 53/00
- (11) **WO 2004/089086** (13) A1
- (21) PCT/FR2004/000825
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) fr (26) fr
- (30) 03/04011 **1 Apr/avr 2003** FR
(01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COMPOSITION MADE FROM A PYRETHROID SUBSTANCE WITH IMPROVED SOLUBILITY, PREMIX AND INSECTICIDAL AND ACARICIDAL ARTICLE PARTICULARLY OF FIBROUS OR SHEET-LIKE FORM
• COMPOSITION A BASE D'UNE SUBSTANCE PYRETHROIDE DE SOLUBILITE AMELIORE, PRMIX ET
- ARTICLE INSECTICIDE ET ACARICIDE NOTAMMENT FIBREUX OU EN FEUILLE.
- (71, 72) **JEAN, Jacques** [FR/FR]; Industries Biochim S.A., Usine de Dent, F-87290 Châteauponsac (FR).
- (74) **CLISCI, Serge**; S.A. Fedit-Loriot et autres Conseils en Propriété Industrielle, 38, avenue Hoche, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (11) **WO 2004/089087** (13) A1
- (21) PCT/JP2004/004826
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) ja (26) ja
- (30) 2003-102326 **4 Apr/avr 2003** JP
(04.04.2003)
- (30) 2003-102456 **7 Apr/avr 2003** JP
(07.04.2003)
- (30) 2003-371240 **30 Oct/oct 2003** JP
(30.10.2003)
- (30) 2003-371241 **30 Oct/oct 2003** JP
(30.10.2003)
- (30) 2003-422035 **19 Dec/déc 2003** JP
(19.12.2003)
- (30) 2003-428532 **25 Dec/déc 2003** JP
(25.12.2003)
- (30) 2004-026349 **3 Feb/fév 2004** JP
(03.02.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SKIN PREPARATION COMPOSITION FOR EXTERNAL USE
• COMPOSITION DE PREPARATION DE LA PEAU A USAGE EXTERNE
- (71) **SHISEIDO COMPANY LTD.** [JP/JP]; 5-5, Ginza 7-chome, Chuo-ku, Tokyo, 1048010 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAMINUMA, Mikiko** [JP/JP]; c/o SHISEIDO RESEARCH CENTER (SHIN-YOKOHAMA), 2-2-1, Hayabuchi, Tsuzuki-ku, Yokohama-shi, Kanagawa, 2248558 (JP).
SUETSUGU, Masaru [JP/JP]; c/o SHISEIDO RESEARCH CENTER (SHIN-YOKOHAMA), 2-2-1, Hayabuchi, Tsuzuki-ku, Yokohama-shi, Kanagawa, 2248558 (JP).
OGAWA, Shigeyuki [JP/JP]; c/o SHISEIDO RESEARCH CENTER (SHIN-YOKOHAMA), 2-2-1, Hayabuchi, Tsuzuki-ku, Yokohama-shi, Kanagawa,
- (71) **MONTANA STATE UNIVERSITY** [US/US]; Technology Transfer Office, Bozeman, MT 59717-2460 (US).
- (71, 72) **STROBEL, Gary, Allan** [US/US]; Department of Plant Sciences, Montana State University, Bozeman, MT 59717 (US).
EZRA, David [IL/US]; Department of Plant Sciences, Montana State University, Bozeman, MT 59717 (US).
- (74) **TEASE, Antoinette, M.**; P.O. Box 51016, Billings, MT 59105 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

- 2248558 (JP). YOKOTA, Eriko [JP/JP]; c/o SHISEIDO RESEARCH CENTER (SHIN-YOKOHAMA), 2-2-1, Hayabuchi, Tsuzuki-ku, Yokohama-shi, Kanagawa, 2248558 (JP). HARA, Eijiro [JP/JP]; c/o SHISEIDO RESEARCH CENTER (SHIN-YOKOHAMA), 2-2-1, Hayabuchi, Tsuzuki-ku, Yokohama-shi, Kanagawa, 2248558 (JP).
- (74) AOKI, Atsushi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo, 1058423 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01N 33/18, 25/28, 25/30
(11) WO 2004/089088 (13) A1
(21) PCT/EP2004/003873
(22) 13 Apr/avr 2004 (13.04.2004)
(25) en (26) en
(30) 03008556.7 14 Apr/avr 2003 EP (14.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • AN AQUEOUS, FLOWABLE CONCENTRATE COMPOSITION OF PENDIMETHALIN
• COMPOSITION CONCENTREE FLUIDE AQUEUSE DE PENDIMETHALINE
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GOLDSMITH, Andrew [GB/GB]; 16 Bere Road, Waterlooville, Hampshire PO7 6PH (GB).
- (74) REITSTÖTTER, KINZEBACH & PARTNER (Gbr); Ludwigplatz 4, 67059 Ludwigshafen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01N 37/16, 37/12, 59/00, C07C 407/00, 409/24
(11) WO 2004/089089 (13) A1
(21) PCT/JP2004/004809
(22) 1 Apr/avr 2004 (01.04.2004)
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(30) 2003-099044 2 Apr/avr 2003 JP (02.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COMPOSITION FOR BACTERICIDE PRODUCTION AND PROCESS FOR PRODUCING ORGANIC PERACID
• COMPOSITION DE PRODUIT BACTERICIDE ET PROCESSUS DE PRODUCTION DE PERACIDE ORGANIQUE
- (71) KAO CORPORATION [JP/JP]; 14-10, Nihonbashi-Kayabacho 1-chome, Chuo-ku Tokyo, 1038210 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OKANO, Tetsuya; MATSUO, Noboru; I-WAKI, Chihiro; TAMURA, Shigeru
- (74) FURUYA, Satoshi et al. / etc.; Hamacho-Hanacho Building 6th Floor, 2-17-8, Nihonbashi-Hamacho, Chuo-ku, Tokyo, 1030007 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01N 43/80, 25/10, 25/24
(11) WO 2004/089091 (13) A1
(21) PCT/JP2004/002358
(22) 27 Feb/fév 2004 (27.02.2004)
(25) ja (26) ja
(30) 2003-104885 9 Apr/avr 2003 JP (09.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SUSTAINED RELEASE AGRICHEMICAL GRANULE
• GRANULE AGROCHIMIQUE A LIBERATION PROLONGEE
- (71) MEIJI SEIKA KAISHA, LTD. [JP/JP]; 4-16, Kyobashi 2-chome, Chuo-ku, Tokyo 104-8002 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YABUZAKI, Mitsuyuki [JP/JP]; c/o Agricultural & Veterinary Research Labs., Meiji Seika Kaisha, Ltd., 760, Morookacho, Kohoku-ku, Yokohama-shi, Kanagawa 222-8567 (JP). SAKURAI, Shinji [JP/JP]; c/o Agricultural & Veterinary Research Labs., Meiji Seika Kaisha, Ltd., 760, Morookacho, Kohoku-ku, Yokohama-shi, Kanagawa 222-8567 (JP). TOMODA, Yoshihisa [JP/JP]; c/o Agricultural & Veterinary Research Labs., Meiji Seika Kaisha, Ltd., 760, Morookacho, Kohoku-ku, Yokohama-shi, Kanagawa 222-8567 (JP).
- (74) MIYAZAKI, Teruo et al. / etc.; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01N 43/60, 25/34, 25/02, 25/08
(11) WO 2004/089090 (13) A1
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(22) 12 Apr/avr 2004 (12.04.2004)
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(30) 0301100-4 12 Apr/avr 2003 SE (12.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • VERMIN REPELLENT
• REPULSIF VERMINE
- (71) ORGANOX AB [SE/SE]; Svampstigen 17, S-144 40 Rönninge (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BIRKETT, Mike [GB/GB]; c/o Biological Chemistry Division, Rothamsted Research, Harpenden, herts AL5 2JQ (GB). PETERSSON, Jan [SE/SE]; c/o Inst. f. entomologi, Box 7044, S-750 07 Uppsala

- CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A01N 59/06, 25/08, 25/12, 65/00, A61L 9/01, C09D 5/14, D06M 11/44
- (11) WO 2004/089092 (13) A1
- (21) PCT/JP2004/004593
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) ja (26) ja
- (30) 2003-104857 9 Apr/avr 2003 JP (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DEODORANT ANTIBACTERIAL POWDER PREPARATION, PROCESS FOR PRODUCING THE SAME AND PRODUCT USING THE POWDER PREPARATION
- PREPARATION DE POUDRE ANTIBACTERIENNE DEODORANTE, PROCEDE DE PRODUCTION DE CETTE DERNIERE ET PRODUIT COMPRENANT LA PREPARATION DE POUDRE
- (71) IDEMITSU TECHNOFINE CO., LTD. [JP/JP]; 6-1, Yokoami 1-chome, Sumida-ku, Tokyo 1300015 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AMANO, Kazutoshi [JP/JP]; 6-1, Yokoami, 1-chome, Sumida-ku, Tokyo 1300015 (JP). TAGUCHI, Toshiharu [JP/JP]; 1660, kamiizumi, Sodegaura-shi, Chiba 2990205 (JP). SUZUKI, Tomomasa [JP/JP]; 6-1, Yokoami, 1-chome, Sumida-ku, Tokyo 1300015 (JP).
- (74) OHTANI, Tamotsu et al. / etc.; OHTANI PATENT OFFICE, Bridgestone Toranomon Bldg. 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 1050001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A23B 7/152, A01N 27/00
- (11) WO 2004/089094 (13) A1
- (21) PCT/GB2004/000876
- (22) 3 Mar/mar 2004 (03.03.2004)
- (25) en (26) en
- (30) 0307896.1 5 Apr/avr 2003 GB (05.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MULTI-STEM SEED POTATO TUBERS
- TUBERCULES DE POMME DE TERRE DE SEMENCE A PLUSIEURS TIGES
- (71) GREENVALE AP LIMITED [GB/GB]; 252 Upper Third Street, Grafton Gate East, Central Milton Keynes MK9 1DZ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COLEMAN, Paul, Michael [GB/GB]; Bramley House, Black Dike, Tydd St Giles, Wisbech, Cambridgeshire PE13 5LW (GB).
- (74) TOWNSEND, Victoria, Jayne 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A23B 7/152
- (11) WO 2004/089093 (13) A2
- (21) PCT/GB2004/001476
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 0307897.9 5 Apr/avr 2003 GB (05.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • APPARATUS AND METHOD FOR CONTROLLING SPROUT GROWTH IN A CROP
- DISPOSITIF ET PROCEDE DE CONTROLE DE LA CROISSANCE DES POUSSÉS DANS UNE CULTURE
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A23C 3/033, A01K 9/00, B67D 5/62
- (11) WO 2004/089095 (13) A1
- (21) PCT/EP2004/000556
- (22) 23 Jan/jan 2004 (23.01.2004)
- (25) de (26) de
- (30) 103 16 258.5 8 Apr/avr 2003 DE (08.04.2003)
- (30) 103 28 517.2 24 Jun/juin 2003 DE (24.06.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DEVICE FOR DISPENSING LIQUID FEED FOR ANIMALS
- DISPOSITIF POUR METTRE A DISPOSITION UN ALIMENT LIQUIDE DESTINE A DES ANIMAUX
- (71, 72) FÖRSTER, Martin [DE/DE]; Gerwigstrasse 25, 78234 Engen (DE).
- (74) WEISS, Peter; Zeppelinstrasse 4, 78234 Engen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 3/033, A01K 9/00, B67D 5/62
- (11) WO 2004/089096 (13) A1
- (21) PCT/EP2004/000563
- (22) 23 Jan/jan 2004 (23.01.2004)
- (25) de (26) de
- (30) 203 05 754.6 8 Apr/avr 2003 DE (08.04.2003)
- (30) 103 28 518.0 24 Jun/juin 2003 DE (24.06.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DEVICE FOR DISPENSING LIQUID FOODSTUFFS
- DISPOSITIF POUR METTRE A DISPOSITION DES ALIMENTS LIQUIDES
- (71, 72) FÖRSTER, Martin [DE/DE]; Gerwigstrasse 25, 78234 Engen (DE).
- (74) WEISS, Peter; Zeppelinstrasse 4, 78234 Engen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL

- PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).
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- (51)⁷ A23C 9/123, 11/10, C12P 21/02, A61K
38/01, 38/00
- (11) WO 2004/089097 (13) A1
- (21) PCT/DK2004/000239
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 03076018.5 7 Apr/avr 2003 EP
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COMPOSITION WITH HEART RATE
REDUCING PROPERTIES
- COMPOSITION A PROPRIETES DE
REDUCTION DE FREQUENCE CAR-
DIAQUE
- (71) CHR. HANSEN A/S [DK/DK]; Bøge Alle
10-12, P.O. Box 407, DK-2970 Hoersholm
(DK).
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les États désignés sauf US)*
- (72, 75) FLAMBARD, **Bénédicte** [FR/DK]; In-
gemannsvej 30, 3. tv., DK-1964 Frederiks-
berg (DK).
- (74) CHR. HANSEN A/S; Bøge Alle 10-12, P.O.
Box 407, DK-2970 Hoersholm (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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
- (11) WO 2004/089099 (13) A2
- (21) PCT/US2004/010260
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 60/459,326 1 Apr/avr 2003 US
(01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROCESS FOR ADDING MICROBIO-
LOGICALLY SAFE CHOCOLATE PAR-
TICULATES TO YOGURT
- PROCEDE MICROBIOLOGIQUE-
MENT SUR D'ADJONCTION DE
PARTICULES DE CHOCOLAT A DU
YAOURT
- (71) THE J. M. SMUCKER COMPANY
[US/US]; Strawberry Lane, Orrville, Ohio
44667 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) RETTINGER, **Anthony Michael**
[US/US]; 11 Cielo Vista Drive, Monterey,
California 93940 (US). HANSEN, **John P.**,
[US/US]; 634 Tanbark Lane, Wadsworth,
Ohio 44281 (US). JINDRA, **James Andrew**
[US/US]; 2815 Lee Drive, Wooster, Ohio
44691 (US). GRUCZA, **Mark Stephen**
[US/US]; 411 Summit Street, Wadsworth,
Ohio 44281 (US).
- (74) FROST, **Kristin, J.**; CALFEE, HALTER
& GRISWOLD LLP, 800 Superior Avenue,
Suite 1400, Cleveland, OH 44114 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ A23G 3/00
- (11) WO 2004/089100 (13) A1
- (21) PCT/IB2004/050318
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) en (26) en
- (30) RM2003A000158 7 Apr/avr 2003 IT
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROCESS FOR THE PREPARATION
OF CONFECTIONERY PRODUCTS
CONTAINING FLORAL MATERIAL
- PROCEDE DE PREPARATION DE PRO-
DUITS DE CONFISERIE CONTENANT
DES MATIERES D'ORIGINE FLORALE
- (71, 72) ROVERIO, **Gianluigi** [IT/IT]; Via
Verezzo 5, I-18038 Sanremo (IT).
- (74) GERMINARIO, **Claudio** et al. / etc.; So-
cietà Italiana Brevetti S.p.A., Piazza di Pietra
39, I-00186 Roma (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ A23G 7/02, 1/18, F25D 13/04
- (11) WO 2004/089101 (13) A2
- (21) PCT/CH2004/000203
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) de (26) de
- (30) 103 17 006.5 11 Apr/avr 2003 DE
(11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DEVICE FOR TEMPERING OBJECTS
- DISPOSITIF DESTINE A TEMPERER
DES ARTICLES

Published / Publiée : (c)

Declarations / Déclarations :

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

(71) **CME ENGINEERING GMBH** [CH/CH];
Im Grund 3, CH-8556 Wigoltingen (CH).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **KNOBEL, Josef** [CH/CH]; Im Grund 3,
CH-8556 Wigoltingen (CH).

(74) **BÜHLER AG**; Patentabteilung, CH-9240
Uzwil (CH).

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

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

Declarations / Déclarations :

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désignations

(t) for all designations / pour toutes les
désignations

(u) for / pour US only / seulement

(51)⁷ **A23G 9/04, 9/14, 9/22**

(11) **WO 2004/089102** (13) A1

(21) PCT/DK2004/000219

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) en (26) en

(30) PA 2003 00530 **7 Apr/avr 2003** DK
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • APPARATUS FOR THE PRODUCTION
OF ICE-CREAM MASS WITH SOLID
INGREDIENTS

• APPAREIL POUR LA PRODUCTION
DE MASSE DE CREME GLACEE A
INGREDIENTS SOLIDES

(71) **TETRA LAVAL HOLDING & FINANCE
S.A.** [CH/CH]; Avenue Général-Guisan 70,
CH-1009 Pully (CH).

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

(72, 75) **RASMUSSEN, Henrik, Guldmann**
[DK/DK]; Børupvej 291, DK-8310 Tranbjerg
J (DK).

(74) **PATENTGRUPPEN ApS**; Arosgaarden,
Aaboulevarden 31, DK-8000 Aarhus C (DK).

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

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

(51)⁷ **A23G 9/12**

(11) **WO 2004/089103** (13) A1

(21) PCT/JP2003/012559

(22) **30 Sep/sep 2003 (30.09.2003)**

(25) ja (26) ja

(30) 2003-97942 **1 Apr/avr 2003** JP
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ICE CREAM PRODUCING MACHINE
AND CONTROL METHOD THEREFOR
• MACHINE DE PRODUCTION DE
CREME GLACEE ET PROCEDE DE
REGLAGE ASSOCIE

(71) **MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD.** [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **SHIRAKAWA, Miho** [JP/JP]; 1-505,
1-68-65, Numa, Yao-shi, Osaka 581-0036
(JP). **KUSUMOTO, Junya** [JP/JP]; B-403,
5-15, Niina, Mino-shi, Osaka 562-0005
(JP). **AGA, Etsushi** [JP/JP]; 2-2-2, Mina-
miterakatakatori, Moriguchi-shi, Osaka
570-0044 (JP).

(74) **ISHIHARA, Masaru**; 5th Floor, Tat-
suno Nishi-tenma Bldg., 1-6, Nishi-tenma
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 EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

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

Published / Publiée : (a)

(51)⁷ **A23G 9/12**

(11) **WO 2004/089104** (13) A1

(21) PCT/JP2004/004467

(22) **29 Mar/mar 2004 (29.03.2004)**

(25) ja (26) ja

(30) 2003-097942 **1 Apr/avr 2003** JP
(01.04.2003)

(30) 2004-082777 **22 Mar/mar 2004** JP
(22.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ICE CREAM MAKER AND METHOD
OF CONTROLLING THE SAME

• SORBETIERE ET PROCEDE DE COM-
MANDE DE CETTE DERNIERE

(71) **MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD.** [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **SHIRAKAWA, Miho** **KUSUMOTO,
Junya** **AGA, Etsushi**

(74) **ISHIHARA, Masaru**; 5th Floor, Tat-
suno Nishi-tenma Bldg., 1-6, Nishi-tenma
3-chome, Kita-ku, Osaka-shi, Osaka 5300047
(JP).

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

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

(51)⁷ **A23G 9/14, 9/04, 9/22, 9/24**

(11) **WO 2004/089105** (13) A1

(21) PCT/DK2004/000220

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) en (26) en

(30) PA 2003 00531 **7 Apr/avr 2003** DK
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A METHOD AND AN APPARATUS
FOR PRODUCING ICE CONFECTION

• PROCEDE ET APPAREIL DE PRODUC-
TION DE CONFISERIES GLACEES

(71) **TETRA LAVAL HOLDING & FINANCE
S.A.** [CH/CH]; Avenue Général-Guisan 70,
CH-1009 Pully (CH).

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

(72, 75) **HANSEN, Per, Henrik** [DK/DK];
Mallinggardsvej 69, DK-8340 Malling (DK).

(74) **PATENTGRUPPEN APS**; Aosgaarden,
Aaboulevarden 31, DK-8000 Aarhus C (DK).

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

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

(51)⁷ **A23K**

(11) **WO 2004/089106** (13) A2

(21) PCT/EP2004/050400

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) SV2003A000016 **7 Apr/avr 2003** IT
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TANNIN MIXTURE USED AS ADDITIVES

- MELANGE DE TANIN SERVANT D'ADDITIF

(71, 72) MARENCHINO, Luigi [IT/IT]; v. Provinciale Villanova 11bis, I-Mondovi (IT).

(74) KARAGHIOSOFF, Alessandro, Giorgio; Studio Karaghiosoff e Frizzi S.a.s., via Pecorelle, 25, I-17015 Celle Ligure (IT).

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

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

(51)⁷ A23K 1/00, 1/16, 1/18

(11) WO 2004/089107 (13) A1

(21) PCT/US2004/009958

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/405,742 2 Apr/avr 2003 US (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PET FOOD COMPOSITION AND METHOD

- COMPOSITION D'ALIMENTS POUR ANIMAUX DOMESTIQUES ET PROCEDE ASSOCIE

(71) HILL'S PET NUTRITION, INC. [US/US]; 400 Southwest 8th Street, Topeka, Kansas 66603 (US).

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

(72, 75) CLARK, Harry, M. [US/US]; 3810 SW Dukeries Road, Topeka, Kansas 66610 (US). SCHOENHERR, William, D. [US/US]; 10790 V4 Road, Hoyt, Kansas 66440 (US). COWLEY, Craig, R. [US/US]; 12794 Meriden Road, Meriden, Kansas 66512 (US). FRIESEN, Kim, G. [US/US]; 2140 SW Arvoina Place, Topeka, Kansas 66614 (US).

(74) PARK, Ellen, K.; COLGATE-PALMOLIVE COMPANY, 909 River Road, Piscataway, New Jersey 08855 (US).

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

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

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(51)⁷ A23K 1/16, 1/18

(11) WO 2004/089108 (13) A1

(21) PCT/EP2004/050523

(22) 14 Apr/avr 2004 (14.04.2004)

(25) fr (26) fr

(30) 03/4652 14 Apr/avr 2003 FR (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FOOD SUPPLEMENT FOR ANIMALS, ESPECIALLY POULTRY

- COMPLEMENT ALIMENTAIRE DESTINE A L'ANIMAL, EN PARTICULIER LA VOLAILLE

(71) PHYTOSYNTHESE [FR/FR]; Naturopole les Thiolands, Saint Bonnet de Rochefort, F-03800 Gannat (FR).

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

(72, 75) PICAUD, Thierry [FR/FR]; Le Moulin, F-63440 SAINT-GAL SUR SIOULE (FR). GREUTER, Amaury [FR/FR]; 67 Quai Félix Faure, F-49100 Angers (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A23K 1/16, 1/18, 1/08

(11) WO 2004/089109 (13) A1

(21) PCT/JP2004/005089

(22) 8 Apr/avr 2004 (08.04.2004)

(25) ja (26) ja

(30) 2003-104551 8 Apr/avr 2003 JP (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FEED COMPOSITION

- COMPOSITION ALIMENTAIRE

(71) MELJI FEED CO., LTD. [JP/JP]; 26-11, Midori 1-chome, Sumida-ku, Tokyo 130-0021 (JP).

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

(72, 75) HAGAWA, Yoshihito [JP/JP]; 4-13-1-108, Nishimizue, Edogawa-ku, Tokyo 134-0015 (JP). KAGAWA, Yasunori [JP/JP]; 1-48, Nishishin-cho, Gyoda-shi, Saitama 361-0042 (JP). SAKAI, Kiyotaka [JP/JP]; 3-3-5, Higashidaira, Tomobe-cho, Nishiibaraki-gun, Ibaraki 309-1075 (JP). ORIHASHI, Takenori [JP/JP]; 16-3, Takaishigami, Ichikawa-shi, Chiba 272-0814 (JP). KISHIMURA, Yukimasa [JP/JP]; 2-29-39, Megurita-cho, Higashimurayama-shi, Tokyo 189-0025 (JP). KANBE, Michio [JP/JP]; 5-8-9, Kumegawa-cho, Higashimurayama-shi, Tokyo 189-0003 (JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 13th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6013 (JP).

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

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

(51)⁷ A23L

(11) WO 2004/089110 (13) A2

(21) PCT/US2004/010040

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/403,429 31 Mar/mar 2003 US (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HYDRATION BEVERAGE AND METHOD OF DELIVERING NUTRIENTS

- BOISSON HYDRATANTE ET PROCEDE D'APPORT DE NUTRIMENTS

(71) BREAKTHRU PRODUCTS, LLC [US/US]; 647 Klondike Avenue, Staten Island, NY 10314 (US).

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

(72, 75) RIFKIN, Calman, H. [US/US]; 647 Klondike Avenue, Staten Island, NY 10314 (US).

(74) ROSENTHAL, Lawrence et al. / etc.; Stroock & Stroock & Lavan LLP, 180 Maiden Lane, New York, NY 10038 (US).

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

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

(51)⁷ A23L 1/015, A21D 2/22, 2/14, A23L 1/217

(11) WO 2004/089111 (13) A1

(21) PCT/EP2004/003692

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) 103 16 998.9 11 Apr/avr 2003 DE (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR THE REDUCTION OF ACRYLAMIDE FORMATION DURING HEATING OF AMINO GROUP-CONTAINING COMPOUNDS

• PROCEDE DE REDUCTION DE LA FORMATION D'ACRYLAMIDE LORS DU CHAUFFAGE DE COMPOSES CONTENANT DES GROUPES AMINO

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) OFTRING, Alfred [DE/DE]; Im Röhrich 49, 67098 Bad Dürkheim (DE). KRÄMER, Klaus [DE/DE]; Daniel-Knobloch-Str. 4, 76829 Landau (DE). NOWAKOWSKY, Brigitte [DE/DE]; Kardinal-Wendel-Str. 35, 67346 Speyer (DE). OBERMÜLLER-JEVIC, Ute [DE/DE]; Torstrasse 17, 74223 Flein (DE). TRÖSCHER, Arnulf [DE/DE]; Stefansbergweg 2, 69469 Weinheim (DE). STEGMAIER, Wolf [DE/DE]; An der Kuhstra. 6, 67459 Böhl-Iggelheim (DE).

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

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

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

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(51)⁷ A23L 1/212, 1/31, 1/315, A23B 4/005, 7/005

(11) WO 2004/089112 (13) A1

(21) PCT/IT2004/000171

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) BO2003A000203 7 Apr/avr 2003 IT (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD TO PREPARE A LONG PRESERVATION FOOD OF AVICULTURAL MEAT WITH VEGETABLES

• PROCEDE DE PREPARATION D'UN PRODUIT ALIMENTAIRE LONGUE CONSERVATION A BASE DE VIANDE DE VOLAILLE ET DE LEGUMES

(71) STINSON SRL [IT/IT]; Via Audinot 34, I-40134 Bologna (IT).

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

(72, 75) TEDESCHI, Sergio [—/IT]; Via F.lli Canova, 64, I-40068 San Lazzaro di Savena (IT).

(74) PAOLINI, Elena; c/o Ufficio Internazionale Brevetti INIP, 5 Via Ruggi, I-40137 Bologna (IT).

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

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

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(51)⁷ A23L 1/22, A23P 1/04, A61K 9/16, C08L 1/28

(11) WO 2004/089113 (13) A1

(21) PCT/NL2004/000231

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 03076038.3 8 Apr/avr 2003 EP (08.04.2003)

(30) 04075111.7 16 Jan/jan 2004 EP (16.01.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OXIGEN STABLE ACTIVE CONTAINING COMPOSITIONS

• COMPOSITIONS CONTENANT UN COMPOSE ACTIF STABLE A L'OXYGENE

(71) QUEST INTERNATIONAL B.V. [NL/NL]; Huizerstraatweg 28, NL-1411 GP Naarden (NL).

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

(72, 75) BURGER, Jack [NL/NL]; Hollandse Hout 134, NL-8244 GE Lelystad (NL). COMPANILE, Fabio [IT/NL]; Goudsbloemstraat 53/3, NL-1015 JK Amsterdam (NL). CORDA, Pino [IT/NL]; De Jol 4, NL-3742 GL Baarn (NL). DOORN, Louis [NL/NL]; Zonnehoven 4, NL-3893 CB Zeewolde (NL). WITTEVEEN, Frans [NL/NL]; Vlasland 18, NL-3833 CM Leusden (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ A23L 1/30, A61K 31/201, 35/78

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(21) PCT/EP2004/003558

(22) 3 Apr/avr 2004 (03.04.2004)

(25) de (26) de

(30) 103 17 109.6 14 Apr/avr 2003 DE (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PREPARATIONS FOR ORAL ADMINISTRATION CONTAINING PHYSIOLOGICALLY ACTIVE FATTY ACIDS AND OLIGOMER PROANTHOCYANIDIN

• PREPARATIONS POUR ADMINISTRATION ORALE CONTENANT DES ACIDES GRAS PHYSIOLOGIQUES ET DE LA PROANTHOCYANOLIDINE OLIGOMERIQUE

(71) COGNIS DEUTSCHLAND GmbH & Co. KG [DE/DE]; Henkelstr. 67, 40589 Düsseldorf (DE).

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

(72, 75) LE HEN FERRENBACH, Catherine [FR/FR]; 10, rue Louis Braille, F-77100 Meaux (FR). FABRY, Bernd [DE/DE]; Danziger Strasse 31, 41352 Korschenbroich (DE). RULL PROUS, Santiago [ES/ES]; Francese Carbonell 32-4a-2^a, E-08034 Barcelona (ES). CARITE, Christophe [FR/FR]; Cassepierre, F-87570 Rilhac-Rancon (FR). BUCHWALD-Werner, Sybille [DE/DE]; Himmelgeister Landstr. 100, 40589 Düsseldorf (DE).

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

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A23L 1/30, 1/308, A61K 35/74, 35/74,
31/702

(11) WO 2004/089115 (13) A1

(21) PCT/EP2004/003736

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 0308104.9 8 Apr/avr 2003 GB
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYNBIOTIC COMBINATION

• COMBINAISON SYMBIOTIQUE

(71) NOVARTIS NUTRITION AG [CH/CH];
Monbijoustrasse 118, CH-3001 Bern (CH).
UNIVERSITY OF READING [GB/GB];
School of Food Biosciences, Food Microbial
Sciences Unit, Reading RG6 6AP (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BEER, Michael [CH/CH]; Lilienweg
64, CH-3098 Köniz (CH). GIBSON, Glenn,
R. [GB/GB]; 32 Outlands Road, Shinfield,
Reading, Berkshire RG2 9DW (GB). SME-
JKA, Christopher [GB/GB]; Chy-Tyak
Croffhandy, Nr.St.Day, Redruth, Cornwall
TR16 5JN (GB).

(74) KELLY, Ingrid; Novartis AG, Lichtstrasse
35, CH-4056 Basel (CH).

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

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

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(51)⁷ A23L 1/30, C11C 3/00, 3/08, 3/10

(11) WO 2004/089116 (13) A1

(21) PCT/FI2004/000226

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 20030540 10 Apr/avr 2003 FI
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROCESS FOR THE PRODUCTION OF
A STEROL-RICH COMPOSITION

• PROCEDE PERMETTANT LA PRE-
PARATION D'UNE COMPOSITION A
HAUTE TENEUR EN STEROL

(71) RAISIO BENECOL OY [FI/FI]; Rai-
sionkaari 55, FI-21200 Raisio (FI).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ORTE, Juha [FI/FI]; Vehnätie 10,
FI-21200 Raisio (FI). LUTTIKHEDE,
Hendrik [FI/FI]; Intolantie 9, FI-21260
Raisio (FI). WESTER, Ingmar [FI/FI];
Puutarhakatu 11 B 70, FI-20100 Turku (FI).
EKBLUM, Jari [FI/FI]; Rätiköntie 16,
FI-21210 Raisio (FI).

(74) BERGGREN OY AB; Jaakonkatu 3 A, P.O.
Box 16, FI-00101 Helsinki (FI).

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

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

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(51)⁶ A23L 1/308

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(21) PCT/JP1995/000619

(22) 31 Mar/mar 1995 (31.03.1995)

(25) ja (26) ja

(30) 6/87385 31 Mar/mar 1994 JP
(31.03.1994)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FOOD AND DRINK HAVING RE-
DUCED DIGESTIBILITY AND
PROCESS FOR PRODUCING THE
SAME

• ALIMENT ET BOISSON A DIGESTI-
BILITE REDUITE ET LEUR PROCEDE
DE PRODUCTION

(71, 72) AOE, Seiichirou [JP/JP]; 8-9-406,
Shinsayama 2-chome, Sayama-shi, Saitama
350-13 (JP). MATSUYAMA, Hiroaki
[JP/JP]; 11-3, Arajukumachi 5-chome, Kawa-
goe-shi, Saitama 350-11 (JP). YAHAGI,
Sachiko [JP/JP]; 6-8, Honmaru 1-chome,
Iwatsuku-shi, Saitama 339 (JP). YASHIRO,
Masatoshi [JP/JP]; 8-13, Kumegawacho
2-chome, Higashimurayama-shi, Tokyo 189
(JP). KONISHI, Hiroaki [JP/JP]; 5-7-1-402,
Iseharacho 5-chome, Kawagoe-shi, Saitama
350-11 (JP). KAMEOKA, Tatsuji [JP/JP];
7-10-102, Hanakoganeiminamicho, 1-chome,
Kodaira-shi, Tokyo 187 (JP). TATSUMI,
Kiyoshi [JP/JP]; 982-2, Noda, Iruma-shi,
Saitama 358 (JP).

(74) MURAYAMA, Midori; Yebisu Garden
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(81) US.

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(12.01.1999), 5858444

(51) A23P 1/00

(11) WO 2004/089118 (13) A2

(21) PCT/US2004/010123

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/407,119 3 Apr/avr 2003 US
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FOOD WINDING APPARATUS, SYS-
TEM AND METHOD

• APPAREIL D'ENROULEMENT DE
PRODUIT ALIMENTAIRE, SYSTEME
ET PROCEDE ASSOCIES

(71) CONAGRA FOODS, INC. [US/US]; One
ConAgra Drive, Omaha, NE 68102 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CUNNINGHAM, Michael, J. [US/US];
5315 Russell Avenue, South, Minneapolis,
MN 55410 (US). HOSKINS, Michael, C.
[US/US]; 463 77th Street W., Bradenton, FL
34209 (US).

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

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

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

(51)⁷ A24C 1/42

(11) WO 2004/089119 (13) A1

(21) PCT/CA2004/000425

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/411,507 10 Apr/avr 2003 US
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TOBACCO PRODUCT AND SYSTEM
FOR IDENTIFYING TOBACCO PROD-
UCTS

• PRODUITS DU TABAC ET SYSTEME
D'IDENTIFICATION DES PRODUITS
DU TABAC

(71, 72) BROOKS, Andrew [CA/CA]; 261
Sutherland Drive, Toronto, Ontario M4G 1J4
(CA).

(74) RIDOUT & MAYBEE LLP; One Queen
Street East, Suite 2400, Toronto, Ontario
M5C 3B1 (CA).

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

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

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

(51)⁷ A24C 5/14

(11) WO 2004/089120 (13) A1

(21) PCT/JP2004/004936

(22) 6 Apr/avr 2004 (06.04.2004)

(25) ja (26) ja

(30) 2003-103100 7 Apr/avr 2003 JP (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MACHINE AND METHOD FOR MANUFACTURING CIGARETTE

• MACHINE ET METHODE DE FABRICATION DE CIGARETTE

(71) JAPAN TOBACCO INC. [JP/JP]; 2-1, Toranomom 2-chome, Minato-ku, Tokyo, 1058422 (JP).

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

(72, 75) MATSUURA, Sadayoshi [JP/JP]; c/o JAPAN TOBACCO INC., 17-7, Yokokawa 1-chome, Sumida-ku, Tokyo, 1308603 (JP). MINAMI, Keisuke [JP/JP]; c/o JAPAN TOBACCO INC., 17-7, Yokokawa 1-chome, Sumida-ku, Tokyo, 1308603 (JP). FUTAMURA, Tsuyoshi [JP/JP]; c/o JAPAN TOBACCO INC., 17-7, Yokokawa 1-chome, Sumida-ku, Tokyo, 1308603 (JP).

(74) NAGATO, Kanji; 5F, SKK Bldg., 8-1, Shinbashi 5-chome, Minato-ku, Tokyo, 1050004 (JP).

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

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

(51)⁷ A24C 5/18, 5/34

(11) WO 2004/089121 (13) A1

(21) PCT/JP2004/000849

(22) 29 Jan/jan 2004 (29.01.2004)

(25) ja (26) ja

(30) 2003-104451 8 Apr/avr 2003 JP (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • WRAPPING PAPER-INSPECTING DEVICE AND CIGARETTE-WRAPPING DEVICE

• DISPOSITIF D'INSPECTION DE PAPIER D'EMBALLAGE ET DISPOSITIF D'EMBALLAGE DE CIGARETTES

(71) JAPAN TOBACCO INC. [JP/JP]; 2-1, Toranomom 2-chome, Minato-ku, Tokyo, 1058422 (JP).

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

(72, 75) KIDA, Shinzo [JP/JP]; c/o JAPAN TOBACCO INC., 17-7, Yokokawa 1-chome, Sumida-ku, Tokyo, 1308603 (JP).

(74) NAGATO, Kanji; 5F, SKK Bldg., 8-1, Shinbashi 5-chome, Minato-ku Tokyo, 1050004 (JP).

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

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

(51)⁷ A24C 5/35

(11) WO 2004/089122 (13) A2

(21) PCT/IT2004/000185

(22) 7 Apr/avr 2004 (07.04.2004)

(25) it (26) en

(30) BO2003 A 000206 7 Apr/avr 2003 IT (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CIGARETTE TRANSFER DEVICE

• DISPOSITIF DE TRANSFERT DE CIGARETTES

(71) G.D SOCIETA' PER AZIONI [IT/IT]; Via Battindarno, 91, I-40133 Bologna (IT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) FERRARI, Michele [IT/IT]; Via Marco Emilio Lepido, 198/11, I-40132 Bologna (IT). BERTUZZI, Francesco [IT/IT]; Via Zenzalino Nord, 56, I-40060 Budrio (IT). DRAGHETTI, Fiorenzo [IT/IT]; Via San Donino, 506, Frazione Villafontana, I-40059 Medicina (IT).

(74) JORIO, Paolo et al. / etc.; c/o Studio Torta S.r.l., Via Viottii, 9, I-10121 Torino (IT).

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

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

(51)⁷ A24C 5/42

(11) WO 2004/089123 (13) A1

(21) PCT/CA2004/000532

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 2,424,881 8 Apr/avr 2003 CA (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONVERTIBLE COMPACT CIGARETTE MAKING MACHINE

• MACHINE COMPACTE CONVERTIBLE POUR FABRIQUER DES CIGARETTES

(71) CTC CANADA INC. [CA/CA]; 10220 Armand-Lavergne, Montreal, Quebec H1H 3N5 (CA).

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

(72, 75) GARBARINO, Gary [CA/CA]; 10220 Armand-Lavergne, Montreal, Quebec H1H 3N5 (CA).

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

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

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

(51)⁷ A24D 3/02

(11) WO 2004/089124 (13) A1

(21) PCT/IB2004/001327

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/410,626 9 Apr/avr 2003 US (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ON LINE FORMATION OF RECESSED CIGARETTE FILTER

• FORMATION EN LIGNE DE FILTRES DE CIGARETTE A CONCAVITES

(71) PHILIP MORRIS PRODUCTS S.A. [CH/CH]; Quai Jeanrenaud 3, CH-2000 Neuchâtel (CH).

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(72) KARLES, Georgios, D.; 11829 Summer Stream Drive, Richmond, VA 23233 (US). DANTE, Henry, M.; 13905 Eastbluff Road, Midlothian, VA 23112 (US). PHAM, Xuan; 12001 Drumore Way, Glen Allen, VA 23059 (US). SMITH, Barry, S.; 9751 Jamescrest Drive, Hopewell, VA 23860 (US).

(74) MARLOW, N., S.; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).

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

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

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

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(51)⁷ A24F 19/14

(11) WO 2004/089125 (13) A1

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(22) 5 Apr/avr 2004 (05.04.2004)

(25) de (26) de

(30) 03100994.7 11 Apr/avr 2003 EP
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PORTABLE CONTAINER FOR EXTINGUISHING AND PROVISIONALLY STORING CIGARETTE BUTTS

• RECEPACLE DE POCHE SERVANT A ETEINDRE ET A CONSERVER PROVISOREMENT DES BOUTS DE CIGARETTE

(71, 72) RIGERT, Beat, Romeo [CH/CH]; Sonnegstr. 35, CH-6330 Cham (CH).

(74) FALK, Urs; Patentanwaltsbucro Dr. Urs Falk, Eichholzweg 9A, CH-6312 Steinhausen (CH).

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

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

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(51)⁷ A24F 47/00

(11) WO 2004/089126 (13) A1

(21) PCT/JP2004/004528

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-097603 1 Apr/avr 2003 JP
(01.04.2003)

(30) 2003-196457 14 Jul/juil 2003 JP
(14.07.2003)

(30) 2003-335906 26 Sep/sep 2003 JP
(26.09.2003)

(30) 2004-044225 20 Feb/fév 2004 JP
(20.02.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NICOTINE SUCTION PIPE AND NICOTINE HOLDER

• TUYAU D'ASPIRATION DE NICOTINE ET SUPPORT DE NICOTINE

(71, 72) TAKANO, Shusei [JP/JP]; 1-9, Fuku-jima, Yatsuo-machi, Nei-gun, Toyama, 9392376 (JP).

(72, 75) TAKANO, Daiju [JP/JP]; 1-9, Fuku-jima, Yatsuo-machi, Nei-gun, Toyama, 9392376 (JP).

(74) NAGATO, Kanji; 5F, SKK Bldg., 8-1, Shinbashi 5-chome, Minato-ku, Tokyo, 1050004 (JP).

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

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

(51)⁷ A41B 9/00

(11) WO 2004/089127 (13) A1

(21) PCT/KR2004/000825

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ko (26) en

(30) 10-2003-0023152 9 Apr/avr 2003 KR
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PANTY-TYPE GARMENT

• VETEMENT DU TYPE CULOTTE

(71, 72) HAM, In I [KR/KR]; 480-2, Jegi-dong, Dongdaemun-gu, Seoul 130-060 (KR).

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

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

Published / Publiée : (c)

(51)⁷ A41B 9/02

(11) WO 2004/089128 (13) A1

(21) PCT/BA2004/000001

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) BAP031366A 7 Apr/avr 2003 BA
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MAN'S UNDERPANTS WITH EXTRA SPACE FOR THE GENITALS

• CALEÇON D'HOMME AVEC UN ESPACE SUPPLEMENTAIRE POUR LES PARTIES GENITALES

(71, 72) TADIC, Dragan [BA/BA]; Dositeja Obradovica 40, 78252 TRN (BA).

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

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

Published / Publiée : (b)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A41C 3/00

(11) WO 2004/089129 (13) A1

(21) PCT/KR2003/001219

(22) 20 Jun/juin 2003 (20.06.2003)

(25) ko (26) en

(30) 20-2003-0011457 14 Apr/avr 2003 KR
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BRASSIERE

• SOUTIEN-GORGE

(71, 72) AN, Young-woon [KR/KR]; 21tong 3ban, Machun-dong 49- 9, Songpa-gu, Seoul 138-120 (KR).

(74) CHO, Chul-hyun; Chunil B/d 5f. 826-26, Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

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

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

(51)⁷ A41C 3/00

(11) WO 2004/089130 (13) A1

(21) PCT/RU2003/000140

(22) 7 Apr/avr 2003 (07.04.2003)

(25) ru (26) ru

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • THERAPEUTIC BRASSIERE

• SOUTIEN-GORGE THERAPEUTIQUE

(71, 72) SULAMANIDZE, Marlen Andreevich [RU/RU]; ul. Nagatinskaya, 27-67, Moscow, 115533 (RU). SULAMANIDZE, Georgiih

- Marlenovich [RU/RU]; ul. Nagatinskaya, 27-67, Moscow, 115533 (RU).
- (74) **SULAMANIDZE, Marlen Andreevich**; ul. Nagatinskaya, 27-67, Moscow, 115533 (RU).
- (81) AE AU BR CA CN CO IL IN JP KR MX PH RU SG TR US ZA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AU BR CA CN CO IL IN JP KR MX PH RU SG TR ZA EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(s) for the following designations / pour les désignations suivantes : AE AU BR CA CN CO IL IN JP KR MX PH RU SG TR ZA EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(u) for / pour US only / seulement

(51)⁷ A41D 1/08

(11) WO 2004/089131 (13) A1

(21) PCT/EP2004/002419

(22) 9 Mar/mar 2004 (09.03.2004)

(25) de (26) de

(30) 103 16 523.1 10 Apr/avr 2003 DE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • RIDING BREECHES

• CULOTTE DE CHEVAL

(71, 72) **HERP, Karin** [DE/DE]; Am Burgfeld 6, 83714 Miesbach (DE).

(74) **KOPF, Korbinian**; Maiwald Patentanwalts GmbH, Elisenhof, Elisenstrasse 3, 80335 München (DE).

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

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

(51)⁷ A41D 13/06, 13/08, A63B 71/12

(11) WO 2004/089132 (13) A1

(21) PCT/SE2004/000554

(22) 7 Apr/avr 2004 (07.04.2004)

(25) sv (26) en

(30) 0301083-2 11 Apr/avr 2003 SE (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • JOINT PROTECTOR AND PROTECTIVE PAD THEREFORE

• PROTECTION ET COUSSINET DE PROTECTION POUR ARTICULATIONS

(71) **OTTO BOCK SCANDINAVIA AB** [SE/SE]; Box 623, S-601 14 Norrköping (SE).

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

(72, 75) **NILSSON, Roger** [SE/SE]; Norr Mälarstrand 88, S-112 35 Stockholm (SE).

BOHLIN, Johan [SE/SE]; Närlunda Säteri, S-646 91 Gnesta (SE).

(74) **EHRNER & DELMAR PATENTBYRÅ AB**; Box 10316, S-100 55 Stockholm (SE).

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

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

(51)⁷ A41D 27/08, 29/00

(11) WO 2004/089133 (13) A1

(21) PCT/AU2004/000470

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 2003203641 10 Apr/avr 2003 AU (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • EPAULETTE

• ÉPAULETTE

(71, 72) **JOHNSTONE, Russell** [AU/AU]; 84 Bowen Road, East Doncaster, VIC 3109 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A41D 27/13

(11) WO 2004/089134 (13) A1

(21) PCT/NL2004/000240

(22) 9 Apr/avr 2004 (09.04.2004)

(25) nl (26) en

(30) 1023172 14 Apr/avr 2003 NL (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PERSPIRATION SHIELD

• ECRAN ANTI-TRANSPIRATION

(71, 72) **KOPPEN, Johanna, Petronella, Hendrika, Maria** [NL/NL]; Papenvoort 67, NL-5663 AE Geldrop (NL).

(74) **DOHMEN, Johannes, Maria, Gerardus et al.** / etc.; Algemeen Octrooi-en Merkenbureau, P.O. Box 645, 5600 AP Eindhoven (NL).

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

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

(51)⁷ A41G 3/00

(11) WO 2004/089135 (13) A1

(21) PCT/JP2004/005138

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ja (26) ja

(30) 2003-106796 10 Apr/avr 2003 JP (10.04.2003)

(30) 2003-106797 10 Apr/avr 2003 JP (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE AND METHOD FOR HAIR IMPLANTATION AND RESULTANT IMPLANTATION HAIR PIECE

• DISPOSITIF ET PROCEDE D'IMPLANTATION CAPILLAIRE ET SURFACE CAPILLAIRE AINSI IMPLANTEE

(71) **PROPIA CO., LTD.** [JP/JP]; 4-3, Nishi-shinjuku 7-chome, Shinjuku-ku, Tokyo, 1600023 (JP).

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

(72, 75) **FUKUYAMA, Koki** [JP/JP]; 29-4, Komone 2-chome, Itabashi-ku, Tokyo, 1730037 (JP).

(74) **ASANO, Katsumi**; Akasaka Nanabankan Rm204, 6-41, Akasaka 7-chome, Minato-ku, Tokyo, 1070052 (JP).

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

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

- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A41H 1/02, G01B 11/24**
 (11) **WO 2004/089136** (13) A1
 (21) PCT/JP2003/013159
 (22) **15 Oct/oct 2003 (15.10.2003)**
 (25) ja (26) ja
 (30) 2003-101801 **4 Apr/avr 2003** JP
(04.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • METHOD AND DEVICE FOR THREE-DIMENSIONAL MEASUREMENT OF HAND OR FOOT
 • PROCEDE ET DISPOSITIF DE MESURE TRIDIMENSIONNELLE D'UNE MAIN OU D'UN PIED
 (71) **TOKAI CO., LTD.** [JP/JP]; 2025-3, Tsuruichi-cho, Takamatsu-shi, Kagawa 761-8555 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (71, 72) **HAMADA, Toshihiro** [JP/JP]; Koruso Bancho 901, 3-6-15, Bancho, Takamatsu-shi, Kagawa 760-0017 (JP).
 (72, 75) **HOJO, Hirokata** [JP/JP]; c/o Tokai Co., Ltd., 2025-3, Tsuruichi-cho, Takamatsu-shi, Kagawa 761-8555 (JP).
 (74) **SUDO, Asako et al.** / etc.; 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A42B 3/04, A42C 2/00**
 (11) **WO 2004/089138** (13) A1
 (21) PCT/GB2004/001574
 (22) **8 Apr/avr 2004 (08.04.2004)**
 (25) en (26) en
 (30) 0308326.8 **10 Apr/avr 2003** GB
(10.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • PROTECTIVE HELMET
 • CASQUE DE PROTECTION
 (71) **HELMET INTEGRATED SYSTEMS LIMITED** [GB/GB]; Unit 3, Focus 4, Fourth Avenue, Letchworth, Hertfordshire SG6 2TU (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **DAMPNEY, Ian** [GB/GB]; Random Design Ltd, 29 Grand Union Centre, West Row, London W10 5AS (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A42B 3/04, 3/16**
 (11) **WO 2004/089137** (13) A1
 (21) PCT/AU2004/000487
 (22) **13 Apr/avr 2004 (13.04.2004)**
 (25) en (26) en
 (30) 2003901685 **10 Apr/avr 2003** AU
(10.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • EAR PROTECTOR FOR HELMET, HELMET AND METHOD FOR PROTECTING EARS
 • DISPOSITIF DE PROTECTION D'OREILLE POUR CASQUE, CASQUE ET PROCEDE DE PROTECTION D'OREILLE
 (71, 72) **GATH, Ricky James** [AU/AU]; Lot 25, Isaacs Road, Margaret River, Western Australia 6285 (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A42C 5/02, A42B 1/22**
 (11) **WO 2004/089139** (13) A1
 (21) PCT/CA2004/000533
 (22) **8 Apr/avr 2004 (08.04.2004)**
 (25) en (26) en
 (30) 2,425,962 **11 Apr/avr 2003** CA
(11.04.2003)
 (30) 10/412,468 **11 Apr/avr 2003** US
(11.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • ELASTICALLY RETAINED HAT AND BAND
 • CHAPEAU MAINTENU DE FACON ELASTIQUE ET BANDE ASSOCIEE
 (71) **UNIVERSAL HATS & CAPS MFG. LTD.** [CN/CN]; RM. 3-5, 5/F, BLK. A, Focal Ind. Ctr., Hok Yuen St., Hunghom, Kln, HONG KONG (CN).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **NGAN, Jacky** [CA/CN]; RM. 3-5, 5/F, BLK. A, Focal Ind. Ctr., Hok Yuen St., Hunghom, Kln, Hong Kong (CN).
 (74) **SMART & BIGGAR**; ZISCHKA, Matthew, 438 University Avenue, Suite 1500, Box 111, Toronto, Ontario M5G 2K8 (CA).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A43B**
 (11) **WO 2004/089140** (13) A2
 (21) PCT/DE2004/000551
 (22) **18 Mar/mar 2004 (18.03.2004)**
 (25) de (26) de
 (30) 103 15 435.3 **4 Apr/avr 2003** DE
(04.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • MULE FOR HOTEL AND BATH
 • MULE POUR HOTEL ET INSTALLATION DE BAINS
 (71) **GENIMA INNOVATIONS MARKETING GMBH** [DE/DE]; Neutorgraben 17, 90419 Nürnberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (71, 72) **TANNHÄUSER, Gunter** [DE/DE]; Lammgasse 18, 90403 Nürnberg (DE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
 (u) for / pour US only / seulement

- (51)⁷ A43B
 (11) WO 2004/089141 (13) A2
 (21) PCT/US2004/010295
 (22) 2 Apr/avr 2004 (02.04.2004)
 (25) en (26) en
 (30) 10/407,026 4 Apr/avr 2003 US
 (04.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • SHOE WITH REMOVABLE VAMP
 • CHAUSSURE A EMPEIGNE AMOVIBLE
 (71) VANS, INC. [US/US]; 15700 Shoemaker Avenue, Santa Fe Springs, CA 90670-5515 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) DELGATTY, Grant, Verdun [US/US]; 12924 Sarah Street, Studio City, CA 91604 (US).
 (74) FILIPEK, Stephan, J. et al. / etc.; Winston & Strawn LLP, Patent Department, 1400 L Street, N.W., Washington, DC 20005-3502 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ A43B 7/06
 (11) WO 2004/089142 (13) A1
 (21) PCT/KR2004/000794
 (22) 7 Apr/avr 2004 (07.04.2004)
 (25) ko (26) en
 (30) 20-2003-0010489 7 Apr/avr 2003 KR
 (07.04.2003)
 (30) 20-2003-0019671 21 Jun/juin 2003 KR
 (21.06.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • SHOE WITH VENTILATING OPENING
 • CHAUSSURE COMPORTANT UNE OUVERTURE D'AERATION
 (71, 72) LIM, SongJo [KR/KR]; San 120-1, Sambang-Dong, Kimhae, Kyungnam 621-908 (KR).
 (74) KOO, SeongJin; #304 Sungam Bldg., 1436-2 Oncheon2-Dong, Dongrae-Gu, Busan 607-062 (KR).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (51)⁷ A43B 7/32, 7/34, 7/36, A41D 31/00, F41H 5/04, A43B 13/12
 (11) WO 2004/089143 (13) A2
 (21) PCT/IT2004/000208
 (22) 14 Apr/avr 2004 (14.04.2004)
 (25) it (26) en
 (30) PO2003A000005 14 Apr/avr 2003 IT
 (14.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • PUNCTURE RESISTANT TEXTILE STRUCTURE, ESPECIALLY FOR SHOE SOLES
 • STRUCTURE TEXTILE RESISTANTE A LA PERFORATION, CONÇUE NOTAMMENT POUR DES SEMELLES DE CHAUSSURES
 (71) LENZI EGISTO S.P.A. [IT/IT]; Via G. di Vittorio, 39, Loc. Gabolana, I-59021 Vignano (PO) (IT).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) FENZI, Roberto [IT/IT]; Via Frà Bartolomeo, 124, I-59100 Prato (PO) (IT).
 (74) MARTINI, Riccardo; Viale Montegrappa, 278/E, I-59100 Prato (PO) (IT).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (22) 25 Mar/mar 2004 (25.03.2004)
 (25) sv (26) en
 (30) 0301067-5 10 Apr/avr 2003 SE
 (10.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • A DEVICE AND A METHOD FOR FASTENING A STRAP IN A CHANNEL
 • PROCEDE ET DISPOSITIF POUR FIXER UNE COURROIE DANS UN CANAL
 (71) KLAVENESS SKOFABRIKK AS [NO/NO]; P.O. Box 2034, N-3202 Sandefjord (NO).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) KLAVENESS, Bjorn [NO/NO]; P.O. Box 2034, N-3202 Sandefjord (NO).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ A43B 7/32, 7/34, 7/36, A41D 31/00, F41H 5/04, A43B 13/12
 (11) WO 2004/089143 (13) A2
 (21) PCT/IT2004/000208
 (22) 14 Apr/avr 2004 (14.04.2004)
 (25) it (26) en
 (30) PO2003A000005 14 Apr/avr 2003 IT
 (14.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • PUNCTURE RESISTANT TEXTILE STRUCTURE, ESPECIALLY FOR SHOE SOLES
 • STRUCTURE TEXTILE RESISTANTE A LA PERFORATION, CONÇUE NOTAMMENT POUR DES SEMELLES DE CHAUSSURES
 (71) LENZI EGISTO S.P.A. [IT/IT]; Via G. di Vittorio, 39, Loc. Gabolana, I-59021 Vignano (PO) (IT).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) FENZI, Roberto [IT/IT]; Via Frà Bartolomeo, 124, I-59100 Prato (PO) (IT).
 (74) MARTINI, Riccardo; Viale Montegrappa, 278/E, I-59100 Prato (PO) (IT).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ A43C 11/14 // F16G 11/00
 (11) WO 2004/089144 (13) A1
 (21) PCT/IB2004/001147
 (22) 1 Apr/avr 2004 (01.04.2004)
 (25) ja (26) ja
 (30) 2003-101708 4 Apr/avr 2003 JP
 (04.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • SHOE WITH VENTILATING OPENING
 • CHAUSSURE COMPORTANT UNE OUVERTURE D'AERATION
 (71, 72) LIM, SongJo [KR/KR]; San 120-1, Sambang-Dong, Kimhae, Kyungnam 621-908 (KR).
 (74) KOO, SeongJin; #304 Sungam Bldg., 1436-2 Oncheon2-Dong, Dongrae-Gu, Busan 607-062 (KR).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ A43D 1/02
 (11) WO 2004/089145 (13) A1
 (21) PCT/JP2004/004790
 (22) 1 Apr/avr 2004 (01.04.2004)
 (25) ja (26) ja
 (30) 2003-101708 4 Apr/avr 2003 JP
 (04.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • SHOE WITH VENTILATING OPENING
 • CHAUSSURE COMPORTANT UNE OUVERTURE D'AERATION
 (71, 72) LIM, SongJo [KR/KR]; San 120-1, Sambang-Dong, Kimhae, Kyungnam 621-908 (KR).
 (74) KOO, SeongJin; #304 Sungam Bldg., 1436-2 Oncheon2-Dong, Dongrae-Gu, Busan 607-062 (KR).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ A43D 1/02
 (11) WO 2004/089145 (13) A1
 (21) PCT/JP2004/004790
 (22) 1 Apr/avr 2004 (01.04.2004)
 (25) ja (26) ja
 (30) 2003-101708 4 Apr/avr 2003 JP
 (04.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • SHOE WITH VENTILATING OPENING
 • CHAUSSURE COMPORTANT UNE OUVERTURE D'AERATION
 (71, 72) LIM, SongJo [KR/KR]; San 120-1, Sambang-Dong, Kimhae, Kyungnam 621-908 (KR).
 (74) KOO, SeongJin; #304 Sungam Bldg., 1436-2 Oncheon2-Dong, Dongrae-Gu, Busan 607-062 (KR).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ A43D 1/02
 (11) WO 2004/089145 (13) A1
 (21) PCT/JP2004/004790
 (22) 1 Apr/avr 2004 (01.04.2004)
 (25) ja (26) ja
 (30) 2003-101708 4 Apr/avr 2003 JP
 (04.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • SHOE WITH VENTILATING OPENING
 • CHAUSSURE COMPORTANT UNE OUVERTURE D'AERATION
 (71, 72) LIM, SongJo [KR/KR]; San 120-1, Sambang-Dong, Kimhae, Kyungnam 621-908 (KR).
 (74) KOO, SeongJin; #304 Sungam Bldg., 1436-2 Oncheon2-Dong, Dongrae-Gu, Busan 607-062 (KR).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

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

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

(u) for / pour US only / seulement

- (51)⁷ A43D 1/02
 (11) WO 2004/089145 (13) A1
 (21) PCT/JP2004/004790
 (22) 1 Apr/avr 2004 (01.04.2004)
 (25) ja (26) ja
 (30) 2003-101708 4 Apr/avr 2003 JP
 (04.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • SHOE WITH VENTILATING OPENING
 • CHAUSSURE COMPORTANT UNE OUVERTURE D'AERATION
 (71, 72) LIM, SongJo [KR/KR]; San 120-1, Sambang-Dong, Kimhae, Kyungnam 621-908 (KR).
 (74) KOO, SeongJin; #304 Sungam Bldg., 1436-2 Oncheon2-Dong, Dongrae-Gu, Busan 607-062 (KR).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FOOT TILT ANGLE MEASURING METHOD, METHOD OF SELECTING SHOE OR INSOLE FOR SHOE, METHOD OF MANUFACTURING SHOE OR INSOLE FOR SHOE, AND FOOT TILT ANGLE MEASURING DEVICE
- PROCEDE DE MESURE DE L'ANGLE D'INCLINAISON DU PIED, PROCEDE DE SELECTION DE CHAUSSURE OU DE SEMELLE INTERIEURE POUR CHAUSSURE, PROCEDE DE FABRICATION DE CHAUSSURE OU DE SEMELLE INTERIEURE POUR CHAUSSURE, ET DISPOSITIF DE MESURE DE L'ANGLE D'INCLINAISON DU PIED
- (71) ASICS CORPORATION [JP/JP]; 1-1, Minatojimanakamachi 7-chome, Chuo-ku, Kobe-shi, Hyogo 6508555 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KATSU, MakotoSHINOHARA, HiironoriKUSUMI, Hiroyuki
- (74) SUMIDA, Yoshihiro et al. / etc.; ARCO PATENT OFFICE, 3rd. Fl., Bo-eki Bldg., 123-1, Higashimachi, Chuo-ku, Kobe-shi, Hyogo 6500031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A44B 18/00
- (11) WO 2004/089146 (13) A2
- (21) PCT/US2004/009967
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 10/404,867 1 Apr/avr 2003 US (01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FASTENER ELEMENTS AND METHODS OF MANUFACTURE
- ELEMENTS D'ATTACHE ET PROCEDES DE FABRICATION
- (71) VELCRO INDUSTRIES B.V. [NL/NL]; Castorweg 22-24, Curacao (AN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KURTZ, Wallace, L. [US/US]; 164 Leominster Road, Lunenburg, MA 01462 (US). VANBENSCHOTEN, Brian, J. [US/US]; 10 Abbott Street, Rochester, NH 03868 (US). TACHAUER, Ernesto, S. [CA/US]; 62 Grafton Drive, Bedford, NH 03110 (US). LABRECQUE, Michel [US/US]; 32 Hazen Road, Bedford, NH 03110 (US). DOWD, Clinton [US/US]; 15 Bayberry Lane, Goffstown, NH 03045 (US).
- (74) BABINEAU, James, W.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A45B 15/00, 25/20
- (11) WO 2004/089147 (13) A1
- (21) PCT/PL2003/000140
- (22) 11 Dec/déc 2003 (11.12.2003)
- (25) en (26) en
- (30) W.113996 8 Apr/avr 2003 PL (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROTECTIVE JACKET FOR UMBRELLA
- ENVELOPPE DE PROTECTION POUR PARAPLUIE
- (71, 72) ZIEMACKI, Marek [PL/PL]; ul. Bugslawskiego 6/168, PL-01-923 Warsaw (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 NI NO NZ OM PG PH PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A45B 19/10, 25/02
- (11) WO 2004/089148 (13) A1
- (21) PCT/RU2003/000166
- (22) 15 Apr/avr 2003 (15.04.2003)
- (25) ru (26) ru
- (30) 2003109970 8 Apr/avr 2003 RU (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • TWO-FOLD FRAME UMBRELLA
- PARAPLUIE AVEC CARCASSE PLIABLE DEUX FOIS
- (71, 72) FILATOV, Sergey Ivanovich [RU/RU]; ul. 1-ya Novokuzminskaya, 7-1-84, Moscow, 109377 (RU).
- (74) KOPYRIN, Yury Iosifovich; Leninsky prospekt, 99-226, Moscow, 119421 (RU).
- (81) CN DE JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ A45C 3/04
- (11) WO 2004/089149 (13) A1
- (21) PCT/KR2004/000784
- (22) 3 Apr/avr 2004 (03.04.2004)
- (25) ko (26) en
- (30) 20-2003-0010730 8 Apr/avr 2003 KR (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COAT HANGER SHOPPING BAG
- SAC-CABAS FAISANT OFFICE DE CINTRE
- (71, 72) LEE, Sang-Yup [KR/KR]; Woosung Apt 3-503 Seocho 2 Dong, Seocho-Gu, Seoul 137-773 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 13/36
- (11) WO 2004/089150 (13) A1
- (21) PCT/EP2004/003501
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) de (26) de
- (30) 203 05 778.3 10 Apr/avr 2003 DE (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CORNER GUARD FOR CASE AND SIMILAR TRANSPORT CONTAINER AND A TRANSPORT CONTAINER PROVIDED WITH SAID CORNER GUARD
- COIN DE PROTECTION POUR VALISE ET CONTENEUR DE TRANSPORT SIMILAIRE ET CONTENEUR DE TRANSPORT EQUIPE DE CE COIN
- (71) MASSGEFERTIGTE KOFFER UND TRANSPORTGEHÄUSE, SPEZIALBESCHLÄGE GMBH [DE/DE]; Langerfelder Strasse 129, 42389 Wuppertal (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MOSTERT, Thomas [DE/DE]; Hardtstrasse 96, 42107 Wuppertal (DE).
- (74) SOLF, Alexander et al. / etc.; Postfach 13 01 13, 42028 Wuppertal (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

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

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

(51)⁷ A45D

(11) WO 2004/089151 (13) A2

(21) PCT/US2004/010136

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/406,097 2 Apr/avr 2003 US
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ARTIFICIAL NAIL CONTAINING LIQ-
UID
• FAUX ONGLE CONTENANT DU LI-
QUIDE

(71, 72) KIM, Keum, Hwa [KR/US]; 11 Via Del
Cielo, Rancho Palos Verdes, CA 90275 (US).

(74) WU, Charles; Wu & Cheung, LLP, 7700
Irvine Center Drive, Suite 710, Irvine, CA
92618-3043 (US).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A45D 27/46, B26B 19/38

(11) WO 2004/089152 (13) A1

(21) PCT/EP2004/001373

(22) 13 Feb/fév 2004 (13.02.2004)

(25) de (26) de

(30) 103 16 935.0 12 Apr/avr 2003 DE
(12.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM CONSISTING OF A SMALL
ELECTRICAL AND AUXILIARY
ELECTRICAL DEVICE ASSIGNED
THERE TO
• SYSTEME COMPOSE D'UN PETIT AP-
PAREIL ELECTRIQUE ET D'UN APPA-
REIL ELECTRIQUE ACCESSOIRE AF-
FECTE A CE DERNIER

(71) BRAUN GMBH [DE/DE]; Frankfurter
Strasse 145, 61476 Kronberg (DE).

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

(72, 75) EICHHORN, Reinhold [DE/DE]; In
der Lederwiese 5, 65510 Idstein (DE). GLE-
ICH, Detlef [DE/DE]; Rosenweg 2a, 61381
Friedrichsdorf (DE). HOTTENROTT, Se-
bastian [DE/DE]; Eisenacher Strasse 4,
65510 Idstein-Wörsdorf (DE). JUNK, Peter
[DE/DE]; Kreuzweg 3, 61389 Seelenberg
(DE). KLEEMANN, Christof [DE/DE];
Schubertstrasse 1b, 65760 Eschborn (DE).
ODEMER, Michael [DE/DE]; Ahorn-
weg 2, 61194 Niddatal-Assenheim (DE).
POHL, THORSTEN [DE/DE]; Brunnen-
weg 9, 63165 Mühlheim (DE). SCHWARZ,
Tobias [DE/DE]; Freseniusstr. 3, 61389
Schmittlen (DE). WOLF, Jürgen [DE/DE];
Friedrich-Ebert-Str. 22, 65830 Kriftel (DE).

(74) BRAUN GMBH; Frankfurter Strasse 145,
61476 Kronberg (DE).

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

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

(51)⁷ A45D 29/00

(11) WO 2004/089153 (13) A1

(21) PCT/KR2003/000782

(22) 17 Apr/avr 2003 (17.04.2003)

(25) ko (26) en

(30) 10-2003-0022815 10 Apr/avr 2003 KR
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • UTENSIL FOR NAIL ART
• INSTRUMENT POUR LA DECORA-
TION D'ONGLES

(71, 72) CHOI, Dae-Tong [KR/KR]; 970-30
Mido Billa 102, Bang Bae 2Dong Seocho-gu,
Seoul 137-846 (KR).

(74) PARK, Cheon-Doh; Rm 401, Hwawon B/D,
746-1, Yeoksam-dong, Kangnam-gu, Seoul,
135-925 (KR).

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

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

(51)⁷ A46B 5/00

(11) WO 2004/089154 (13) A1

(21) PCT/JP2003/016053

(22) 15 Dec/déc 2003 (15.12.2003)

(25) ja (26) ja

(30) 2003-101630 4 Apr/avr 2003 JP
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TOOTH BRUSH
• BROSSE A DENTS

(71) HONZO SEIYAKU KABUSHIKI
KAISHA [JP/JP]; 125, Furukawa-cho,
Tempaku-ku, Nagoya-shi, Aichi 468-0046
(JP).

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

(72, 75) YAMAMOTO, Koji [JP/JP]; c/o
Honzo Seiyaku Kabushiki Kaisha, 125,
Furukawa-cho, Tempaku-ku, Nagoya-shi,
Aichi 468-0046 (JP).

(74) SHIMIZU, Yoshihisa; Sassa Center Bldg.,
13-18, Aoi 1-chome, Higashi-ku, Nagoya-shi,
Aichi 461-0004 (JP).

(81) AU CA CN JP KR MX US.

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

(51)⁷ A46B 5/00, 7/06

(11) WO 2004/089155 (13) A1

(21) PCT/US2004/009753

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/403,929 31 Mar/mar 2003 US
(31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DISPOSABLE TOILET CLEANING DE-
VICE WITH EXTENDABLE HANDLE
• BALAYETTE DE WC A JETER A
MANCHE EXTENSIBLE

(71, 72) KATZ, Susan [US/US]; 2828 North
Burling Street, Apartment 406, Chicago, IL
60657 (US). BERSANO, Cheryl [US/US];
1037 Dunlop Avenue, Forest Park, IL 60130
(US).

(74) KERNELL, James, J. et al. / etc.; Chase
Law Firm, L.C., 4400 College Boulevard,
Suite 130, Overland Park, KS 66211 (US).

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

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

Published / Publiée : (c)

- (51)⁷ A46B 9/04
 (11) WO 2004/089156 (13) A2
 (21) PCT/CA2004/000536
 (22) 8 Apr/avr 2004 (08.04.2004)
 (25) en (26) en
 (30) 60/462,563 11 Apr/avr 2003 US (11.04.2003)
 (30) 10/805,304 22 Mar/mar 2004 US (22.03.2004)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • CHILDREN'S TOOTH AND GUM CLEANING KIT
 • TROUSSE DE NETTOYAGE POUR DENTS ET GENCIVES D'ENFANT
 (71, 72) KLASSEN, Lamberta, A., M. [CA/CA]; 33728 King Road, Abbotsford, British Columbia V2S 8J4 (CA). KLASSEN, James, B. [CA/CA]; 24382-70 Avenue, Langley, British Columbia V1M 3K7 (CA).
 (74) LAMBERT, Anthony, R.; c/o Thompson Lambert LLP, 10328-81 Avenue, Suite #200, Edmonton, Alberta T6E 1X2 (CA).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 Published / Publiée : (a)
 (51)⁷ A47B 1/03
 (11) WO 2004/089158 (13) A1
 (21) PCT/US2004/009869
 (22) 30 Mar/mar 2004 (30.03.2004)
 (25) en (26) en
 (30) 10/403,507 1 Apr/avr 2003 US (01.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • EXPANDABLE TABLE
 • TABLE EXTENSIBLE
 (71) CENTURY FURNITURE INDUSTRIES [US/US]; 25 18th Street, N.W., Hickory, NC 28601 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) CONLEY, James, R. [US/US]; 90 Mariners Point Lane, Hickory, NC 28601 (US). RUDISILL, Andrew, D. [US/US]; 5279 NC Highway 127 South, Hickory, NC 28602 (US).
 (74) DALEY, Henry, J. et al. / etc.; Pillsbury Winthrop LLP, Post Office Box 10500, McLean, VA 22102 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 Published / Publiée : (c)
 (51)⁷ A47B 47/00
 (11) WO 2004/089159 (13) A1
 (21) PCT/KR2004/000867
 (22) 14 Apr/avr 2004 (14.04.2004)
 (25) ko (26) en
 (30) 10-2003-0023502 14 Apr/avr 2003 KR (14.04.2003)
 (74) BRAUN GMBH; Frankfurter Strasse 145, 61476 Kronberg (DE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 Published / Publiée : (a)
 (51)⁷ A47B 47/00
 (11) WO 2004/089160 (13) A1
 (21) PCT/KR2004/000868
 (22) 14 Apr/avr 2004 (14.04.2004)
 (25) ko (26) en
 (30) 10-2003-0023503 14 Apr/avr 2003 KR (14.04.2003)
 (30) 10-2004-0025632 14 Apr/avr 2004 KR (14.04.2004)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • PREFABRICATING RACK FRAME
 • CHASSIS D'ETAGERE PREFABRIQUE
 (71, 72) CHOI, Cheon Soon [KR/KR]; 102-103 Hanmi Keumgang Apt., Buyun-ri Daesomyeon, Eumseong-gun, Chungcheongbuk-do 369-823 (KR).
 (74) CHOI, Jong Won; 5th Fl. Shinwon Bldg., 648-15 Yeoksam-dong, Gangnam-gu, Seoul 135-911 (KR).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 2004/089161 (13) A2
 (21) PCT/US2004/010057
 (51)⁷ A46B 9/04
 (11) WO 2004/089156 (13) A2
 (21) PCT/CA2004/000536
 (22) 8 Apr/avr 2004 (08.04.2004)
 (25) en (26) en
 (30) 60/462,563 11 Apr/avr 2003 US (11.04.2003)
 (30) 10/805,304 22 Mar/mar 2004 US (22.03.2004)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • CHILDREN'S TOOTH AND GUM CLEANING KIT
 • TROUSSE DE NETTOYAGE POUR DENTS ET GENCIVES D'ENFANT
 (71, 72) KLASSEN, Lamberta, A., M. [CA/CA]; 33728 King Road, Abbotsford, British Columbia V2S 8J4 (CA). KLASSEN, James, B. [CA/CA]; 24382-70 Avenue, Langley, British Columbia V1M 3K7 (CA).
 (74) LAMBERT, Anthony, R.; c/o Thompson Lambert LLP, 10328-81 Avenue, Suite #200, Edmonton, Alberta T6E 1X2 (CA).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 Published / Publiée : (a)
 (51)⁷ A47B 1/03
 (11) WO 2004/089158 (13) A1
 (21) PCT/US2004/009869
 (22) 30 Mar/mar 2004 (30.03.2004)
 (25) en (26) en
 (30) 10/403,507 1 Apr/avr 2003 US (01.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • EXPANDABLE TABLE
 • TABLE EXTENSIBLE
 (71) CENTURY FURNITURE INDUSTRIES [US/US]; 25 18th Street, N.W., Hickory, NC 28601 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) CONLEY, James, R. [US/US]; 90 Mariners Point Lane, Hickory, NC 28601 (US). RUDISILL, Andrew, D. [US/US]; 5279 NC Highway 127 South, Hickory, NC 28602 (US).
 (74) DALEY, Henry, J. et al. / etc.; Pillsbury Winthrop LLP, Post Office Box 10500, McLean, VA 22102 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 Published / Publiée : (c)
 (51)⁷ A47B 47/00
 (11) WO 2004/089159 (13) A1
 (21) PCT/KR2004/000867
 (22) 14 Apr/avr 2004 (14.04.2004)
 (25) ko (26) en
 (30) 10-2003-0023502 14 Apr/avr 2003 KR (14.04.2003)
 (74) BRAUN GMBH; Frankfurter Strasse 145, 61476 Kronberg (DE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 Published / Publiée : (a)
 (51)⁷ A47B 47/00
 (11) WO 2004/089160 (13) A1
 (21) PCT/KR2004/000868
 (22) 14 Apr/avr 2004 (14.04.2004)
 (25) ko (26) en
 (30) 10-2003-0023503 14 Apr/avr 2003 KR (14.04.2003)
 (30) 10-2004-0025632 14 Apr/avr 2004 KR (14.04.2004)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • PREFABRICATING RACK FRAME
 • CHASSIS D'ETAGERE PREFABRIQUE
 (71, 72) CHOI, Cheon Soon [KR/KR]; 102-103 Hanmi Keumgang Apt., Buyun-ri Daesomyeon, Eumseong-gun, Chungcheongbuk-do 369-823 (KR).
 (74) CHOI, Jong Won; 5th Fl. Shinwon Bldg., 648-15 Yeoksam-dong, Gangnam-gu, Seoul 135-911 (KR).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 2004/089161 (13) A2
 (21) PCT/US2004/010057

- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 10/403,524 1 Apr/avr 2003 US (01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD OF MAKING MATTRESSES
• PROCÉDE DE FABRICATION DE MATELAS
- (71) KINGSDOWN, INC. [US/US]; 126 West Holt Street, Mebane, NC 27302 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FLIPPIN, Patrick [US/US]; 701 South Fifth Street, Mebane, NC 27302 (US).
- (74) FALLOW, Charles, W.; Shoemaker and Mattare, Suite 100, 10 Post Office Road, Silver Spring, MD 20910 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A47C
- (11) WO 2004/089162 (13) A2
- (21) PCT/US2004/010768
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/459,889 2 Apr/avr 2003 US (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ARTICULATED SEATING MECHANISM
• MECANISME DE SIEGE ARTICULE
- (71, 72) WELLS, Harold, G. [US/US]; 24 Arangel Way, San Rafael, CA 94903 (US).
- (74) STAINBROOK, Craig, M. et al. / etc.; Johnson & Stainbrook, LLP, 3558 Round Barn Boulevard, Suite 203, Santa Rosa, CA 95403 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ A47C 1/032
- (11) WO 2004/089163 (13) A1
- (21) PCT/EP2004/002975
- (22) 22 Mar/mar 2004 (22.03.2004)
- (25) en (26) en
- (30) VE2003A000014 10 Apr/avr 2003 IT (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DEVICE FOR ADJUSTING THE DEGREE OF PRELOAD OF THE SPRINGS IN OFFICE CHAIR MECHANISMS
• DISPOSITIF PERMETTANT DE REGLER LE DEGRE DE PRECONTRAINTE DES RESSORTS DANS LES MECANISMES DE CHAISES DE BUREAU
- (71) IMARC S.P.A. [IT/IT]; Via Meucci, 21, I-36028 Rossano Veneto (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LIVIERO, Stefano [IT/IT]; Via Meucci, 21, I-36028 Rossano Veneto (IT).
- (74) PIOVESANA, Paolo; Corso del Popolo, 70, I-30172 Venezia Veneto (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
-
- (51)⁷ A47C 7/74, A61H 35/00, A61F 7/00
- (11) WO 2004/089164 (13) A1
- (21) PCT/CA2003/001609
- (22) 22 Oct/oct 2003 (22.10.2003)
- (25) en (26) en
- (30) 2,425,530 14 Apr/avr 2003 CA (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • WATER BASINS FOR HEAT STRAIN REDUCTION
• BASSINS D'EAU PERMETTANT DE REDUIRE LES EFFETS DU COUP DE CHALEUR
- (71, 72) MCBRIDE, Peter [CA/CA]; 958 Cirrus Way, Ottawa, Ontario K1V 1R6 (CA).
- (74) YAN, Wing, T.; c/o Nelligan O'Brien Payne LLP, 66 Slater Street, Suite 1900, Ottawa, Ontario K1P 5H1 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC
- SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)⁷ A47F
- (11) WO 2004/089165 (13) A2
- (21) PCT/US2004/009744
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 60/459,012 31 Mar/mar 2003 US (31.03.2003)
- (30) 10/734,837 12 Dec/déc 2003 US (12.12.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • APPARATUS FOR INSTALLING FRAMING MATERIAL HANGERS
• DISPOSITIF POUR INSTALLER DES ELEMENTS DE SUSPENSION POUR CADRES
- (71) THE FLETCHER-TERRY COMPANY [US/US]; 65 Spring Lane, Farmington, Connecticut 06032 (US).
- (72) KOZYRSKI, Vincent T.; 3 Weatherstone Ridge Road, Plainville, Connecticut 06062 (US).
- (74) GETZ, Richard D.; McCormick, Paulding & Huber LLP, CityPlace II, 185 Asylum Street, Hartford, Connecticut 06103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A47F
- (11) WO 2004/089166 (13) A2
- (21) PCT/US2004/009826
- (22) 31 Mar/mar 2004 (31.03.2004)

- (25) en (26) en
- (30) 60/459,012 **31 Mar/mar 2003** US
(31.03.2003)
- (30) 10/734,837 **12 Dec/déc 2003** US
(12.12.2003)
- (30) 10/813,494 **30 Mar/mar 2004** US
(30.03.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • APPARATUS FOR INSTALLING FRAMING MATERIAL HANGERS
• APPAREIL SERVANT A METTRE EN PLACE DES ELEMENTS DE SUSPENSION DE MATERIEL D'ENCADREMENT
- (71) THE FLETCHER-TERRY COMPANY [US/US]; 65 Spring Lane, Farmington, Connecticut 06032 (US).
- (72) KOZYRSKI, Vincent, T.; 3 Weatherstone Ridge Road, Plainville, Connecticut 06062 (US).
- (74) GETZ, Richard, D.; McCormick, Paulding & Huber LLP, CityPlace II, 185 Asylum Street, Hartford, Connecticut 06103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A47F 10/06, B65G 21/10
- (11) WO 2004/089167 (13) A1
- (21) PCT/EP2004/003775
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 03447084.9 **8 Apr/avr 2003** EP
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MOBILE GASTRONOMIC TABLE FOR SERVING OUT FOOD
• TABLE GASTRONOMIQUE MOBILE DE RESTAURATION
- (71, 72) DE MAEYER, Marc [BE/BE]; Hoog Kallo 13, B-9120 Beveren (BE).
- (74) BIRD, Ariane et al. / etc.; Bird Goën & Co, Klein Dalenstraat 42A, B-3020 Winksele (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A47G
- (11) WO 2004/089169 (13) A2
- (21) PCT/US2004/009981
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 10/404,904 **1 Apr/avr 2003** US
(01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CUP ASSEMBLY
• ENSEMBLE TASSE
- (71) PLAYTEX PRODUCTS, INC. [US/US]; 300 Nyala Farms Road, Westport, CT 06880 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) RANDOLPH, Ross, Steven; 1 Timber Court, Rockaway, NJ 07866 (US).
- (74) RUGGIERO, Charles, N., J.; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., One Landmark Square, 10th Floor, Stamford, CT 06901 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A47G
- (11) WO 2004/089170 (13) A1
- (21) PCT/IT2004/000181
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) it (26) en
- (30) MI2003A000687 **7 Apr/avr 2003** IT
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FLOWER HOLDER STRUCTURE
• STRUCTURE DE MAINTIEN POUR FLEURS
- (71, 72) LA GRECA, Gaetano [IT/IT]; Via C. Battisti, 37, I-20051 Limbiate (IT).
- (74) BOTTI, Mario et al. / etc.; Botti & Ferrari S.r.l., Via Locatelli, 5, I-20124 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
-
- (51)⁷ A47G 9/08, A41B 13/06
- (11) WO 2004/089171 (13) A1
- (21) PCT/NO2004/000081
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) no (26) en
- (30) 20031717 **14 Apr/avr 2003** NO
(14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SLEEPING BAG FOR CHILDREN
• SAC DE COUCHAGE POUR ENFANTS
- (71, 72) KORSHAMN, Bodil [NO/NO]; N-6657 Rindal (NO).
- (74) CURO AS; Box 38, N-7231 Lundamo (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

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

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

(51)⁷ A47G 21/00, A47J 31/00

(11) WO 2004/089172 (13) A1

(21) PCT/JP2003/004369

(22) 4 Apr/avr 2003 (04.04.2003)

(25) ja (26) ja

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TABLETOP STIRRER
• AGITATEUR DE TABLE

(71, 72) YAMASAKI, Masashi [JP/JP]; 6-306,
Fujisakanishi-machi 1-chome, Hirakata-shi,
Osaka 573-0158 (JP).

(74) NANJO, Hiromichi; 5th Floor, Okina
Bldg., 2-9, Nishitenma 3-chome, Kita-ku,
Osaka-shi, Osaka 530-0047 (JP).

(81) JP US.

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

(51)⁷ A47J 31/00

(11) WO 2004/089173 (13) A2

(21) PCT/IB2004/001201

(22) 5 Apr/avr 2004 (05.04.2004)

(25) it (26) en

(30) TO2003A000271 9 Apr/avr 2003 IT
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • STEAM AUTOMATIC DISPENSING
DEVICE FOR PREPARING HOT
AND/OR FROTHED DRINKS

• DISPOSITIF DISTRIBUTEUR AUTO-
MATIQUE DE VAPEURS POUR LA PRE-
PARATION DE BOISSONS CHAUDES
ET/OU MOUSSEUSES

(71) RANCILIO MACCHINE PER CAFFÈ
S.P.A. [IT/IT]; Viale della Repubblica no. 40,
I-20010 Villastanza di Parabiago (IT).

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

(72, 75) CARBONINI, Carlo [IT/IT]; c/o Ranci-
lio Macchine per Caffè S.P.A., Viale della
Repubblica no. 40, I-20010 Villastanza di
Parabiago (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

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

(51)⁷ A47J 31/00

(11) WO 2004/089174 (13) A1

(21) PCT/US2004/010458

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,558 4 Apr/avr 2003 US
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FUNNEL BLOCKING APPARATUS
AND METHODS OF USE

• DISPOSITIF DE BLOCAGE POUR
ENTONNOIR ET SON PROCÉDE
D'UTILISATION

(71) BUNN-O-MATIC CORPORATION
[US/US]; 1400 Stevenson Drive, Spring-
field, IL 62703 (US).

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

(72, 75) HART, Burton, L. [US/US]; 32 An-
toinette Road, Auburn, IL 62615 (US).
POWELL, Kurt [US/US]; #4 Prairie,
Auburn, IL 62615 (US).

(74) PETERS, Grant, H. et al. / etc.; Barnes &
Thornburg LLP, P.O. Box 2786, Chicago, IL
60690-2786 (US).

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

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

Published / Publiée : (c)

Declarations / Déclarations :

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

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

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

(51)⁷ A47J 41/00, B65D 81/38

(11) WO 2004/089175 (13) A1

(21) PCT/EP2004/003843

(22) 12 Apr/avr 2004 (12.04.2004)

(25) de (26) de

(30) 203 06 320.1 13 Apr/avr 2003 DE
(13.04.2003)

(30) 10 2004 017 948.4 10 Apr/avr 2004 DE
(10.04.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONTAINER FOR MAINTAINING A
PRODUCT IN A DEFINED TEMPERA-
TURE RANGE

• CONTENANT SERVANT A MAINTEN-
NIR UNE MATIERE DANS UNE PLAGE
DE TEMPERATURE DEFINIE

(71, 72) CASTNER, Arno [DE/DE]; Bergstrasse
24, 90607 Rückersdorf (DE). SPYRA,
Thomas [DE/DE]; Veilchenweg 4, 90617
Puschendorf (DE).

(74) SPYRA, Thomas; Veilchenweg 4, 90617
Puschendorf (DE).

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

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

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A47K

(11) WO 2004/089176 (13) A2

(21) PCT/US2004/010100

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 60/460,550 4 Apr/avr 2003 US
(04.04.2003)

(30) 10/719,931 20 Nov/nov 2003 US
(20.11.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PRESSURE ASSISTED DUAL FLUSH
OPERATING SYSTEM

• SYSTEME A DOUBLE RINÇAGE AS-
SISTE PAR PRESSION

(71) WDI INTERNATIONAL, INC. [US/US]; 3
Musick, Irvine, CA 92418 (US).

(72) **LI, Feiyu**; First Floor, #43, Huli Main Road, Xiamen 361006 (CN).

(74) **HACKLER, Walter, A.**; Patent Law Office, 2372 S.E. Bristol Street, Suite B, Newport Beach, CA 92660-0755 (US).

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

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

(51)⁷ A47K 7/04

(11) WO 2004/089177 (13) A1

(21) PCT/EP2004/003539

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 03007912.3 7 Apr/avr 2003 EP (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BODY CLEANING DEVICE

• DISPOSITIF POUR LE NETTOYAGE DU CORPS

(71, 72) **STOCKER, Johann** [DE/DE]; Dekan-Maier-Weg 9, 83727 Schliersee (DE). **STOCKER, Margarete** [DE/DE]; Dekan-Maier-Weg 9, 83727 Schliersee (DE).

(74) **KLUNKER, SCHMITT-NILSON, HIRSCH**; Winzererstrasse 106, 80797 München (DE).

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

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

Declaration / Déclaration :

(r) for all designations / pour toutes les désignations

(51)⁷ A47K 13/30, E03D 9/052

(11) WO 2004/089178 (13) A1

(21) PCT/GB2004/001564

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 0308227.8 9 Apr/avr 2003 GB (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TOILET SEAT

• SIEGE DE TOILETTE

(71, 72) **KELLY, Joseph, Steven** [GB/GB]; 16 Place Farm Way, Monks Risborough, Princes Risborough HP27 9JH (GB).

(74) **MERRYWEATHER, Colin, Henry et al.** / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).

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

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

(51)⁷ A47L 11/34, 13/26

(11) WO 2004/089179 (13) A2

(21) PCT/US2004/009927

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/320,071 31 Mar/mar 2003 US (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • UNATTENDED SPOT CLEANING APPARATUS

• APPAREIL DE DETACHAGE FONCTIONNANT SANS SURVEILLANCE

(71) **BISSELL HOMEWARE, INC.** [US/US]; 2345 Walker N.W., Grand Rapids, MI 49544-2516 (US).

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

(72, 75) **MINER, Jonathan L.** [US/US]; 50 S. Lincoln Street, Rockford, MI 49341 (US). **HUFFMAN, Eric C.** [US/US]; 995 Flat River Drive, Lowell, MI 49331 (US). **SUGALSKI, Eric C.** [US/US]; 801 S. Wells Street, #1009, Chicago, IL 60607 (US). **SLAVEN, Mark P.** [US/US]; 55 Salem Lane, Evanston, IL 60203 (US). **MATUSAITIS, Tomas A.** [US/US]; 3041 W. Eastwood, Eastwood, IL 60625 (US). **KOPLIN, Randall S.** [US/US]; 3414 N. Bosworth, Chicago, IL 60657 (US). **CONDON, Jeff R.** [US/US]; 4427 N. Greenview, Chicago, IL 60640 (US). **SEAL, David** [US/US]; 3829 1/2 N. Fremont #3W, Chicago, IL 60613 (US). **TRAN, Phong Hoang** [US/US]; 1519 Crystalline Dr., Caledonia, MI 49316 (US). **EHRENREICH, Kevin** [US/US]; 1251 W. Grace, Chicago, IL 60613 (US).

(74) **MCGARRY, John E.**; 171 Monroe Avenue, N.W., Suite 600, Grand Rapids, MI 49503 (US).

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

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

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

(51)⁷ A47L 13/20

(11) WO 2004/089180 (13) A1

(21) PCT/GB2004/001447

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0308237.7 10 Apr/avr 2003 GB (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MOP HEAD

• TETE DE BALAI A LAVER

(71) **CRISP CLEAN SERVICES LIMITED** [GB/GB]; Myrtle Yard, Curry Rivel, Langport, Somerset TA10 0PR (GB).

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

(72, 75) **CRISP, John** [GB/GB]; Hillside Cottage, Picts Hill, Langport, Somerset TA10 9EZ (GB).

(74) **CRASKE, Stephen**; Patent Law Chambers, 15 Queens Terrace, Exeter, Devon EX4 4HJ (GB).

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

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

(51)⁷ A61B

(11) WO 2004/089181 (13) A2

(21) PCT/AU2004/000486

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 2003901738 14 Apr/avr 2003 AU (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A SUPPORT ARRANGEMENT FOR USE IN SUPPORTING A BONE DURING A SURGICAL OPERATION

• DISPOSITIF DE SUPPORT DESTINE A SERVIR D'APPUI A UN OS AU COURS D'UNE OPERATION CHIRURGICALE

(71) **NILNAV ORTHOPAEDICS PTY LIMITED** [AU/AU]; 491 Westlake Drive, Riverhills, QLD 4074 (AU).

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

(72, 75) **SHERRY, Eugene** [AU/AU]; 108 Lethbridge Street, Penrith, NSW 2750 (AU). **EGAN, Michael** [AU/AU]; 62 Tulloch Street, Blacktown, NSW 2148 (AU). **LYE, Bob** [AU/AU]; 6 Roger Street, Brookvale, NSW 2100 (AU).

(74) **SHELSTON IP**; 60 Margaret Street, Sydney NSW 2000 (AU).

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

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

(51)⁷ A61B

(11) **WO 2004/089182** (13) A2

(21) PCT/IB2004/001337

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) en (26) en

(30) 60/462,672 **14 Apr/avr 2003** US (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ANTI-RETROVIRAL ANALYSIS BY MASS SPECTROMETRY

• ANALYSE ANTI-RETROVIRALE PAR SPECTROMETRIE DE MASSE

(71) **GEORGETOWN UNIVERSITY** [US/US]; 4000 Reservoir Road, Washington, DC (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SOLDIN, Steven, J.** [US/US]; 6308 Walhonding Rd., Bethesda, MD 20816 (US).

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

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

(51)⁷ A61B

(11) **WO 2004/089183** (13) A2

(21) PCT/IL2004/000323

(22) **13 Apr/avr 2004 (13.04.2004)**

(25) en (26) en

(30) 10/412,330 **14 Apr/avr 2003** US (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • APPARATUS AND METHOD FOR PROTECTING TISSUES DURING CRYOABLATION

• APPAREIL ET PROCEDE DE PROTECTION DE TISSUS EN CRYO-ABLATION

(71) **GALIL MEDICAL LTD.** [IL/IL]; Yokneam Industrial Park, P.O. Box 224, Yokneam, 20 692 (IL).

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

(72, 75) **CYTRON, Samuel** [IL/IL]; Hasharon Street 28, 81 514 Yavne (IL). **SOFER, Paul** [IL/IL]; Hamishol 3, 44 925 Zofit (IL). **SCHECHTER, Doris** [IL/IL]; Hakovshim Street 99/2, 30 900 Zikhron Yakov (IL). **AMIR, Uri** [IL/IL]; 6 Almog Street, Neve Savyon, Or Yehuda, 60 405 (IL). **ZVULONI, Roni** [IL/IL]; 67 Hantke Street, Haifa 34 608 (IL).

(74) **G.E. EHRlich (1995) LTD.**; 11 Menachem Begin Street, Ramat-Gan 52 521 (IL).

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

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

(51)⁷ A61B

(11) **WO 2004/089184** (13) A2

(21) PCT/US2004/010039

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) en (26) en

(30) 60/459,785 **1 Apr/avr 2003** US (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NEW USES OF Lp-PLA2 IN COMBINATION TO ASSESS CORONARY RISK

• NOUVELLES UTILISATIONS DE LA LP-PLA2 EN COMBINAISON POUR EVALUER LE RISQUE CORONAIRE

(71) **DIADEXUS, INC.** [US/US]; 343 Oyster Point Boulevard, San Francisco, CA 94080 (US).

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

(72, 75) **WOLFERT, Robert, L.** [US/US]; 3582 Arbutus Avenue, Palo Alto, CA 94303 (US). **MAGUIRE, Yu, Ping** [US/US]; 4740 25th Street, San Francisco, CA 94114 (US). **LI, Yu, Ping** [US/US]; 41730 Vaquero Court, Fremont, CA 94539 (US). **SARNO, Mark, Joseph** [US/US]; 1751 Eucalyptus Avenue, Encinitas, CA 92024 (US).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

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

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

(51)⁷ A61B

(11) **WO 2004/089185** (13) A2

(21) PCT/US2004/010134

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 10/404,971 **31 Mar/mar 2003** US (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHODS FOR CREATING TISSUE EFFECT UTILIZING ELECTROMAGNETIC ENERGY AND A REVERSE THERMAL GRADIENT

• PROCEDES POUR PRODUIRE UN EFFET SUR UN TISSU EN UTILISANT L'ENERGIE ELECTROMAGNETIQUE ET UN GRADIENT THERMIQUE INVERSE

(71) **THERMAGE, INC.** [US/US]; 4058 Point Eden Way, Hayward, CA 94545 (US).

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

(72, 75) **KNOWLTON, Edward, W.** [US/US]; 5478 Blackhawk Drive, Danville, CA 94506 (US). **WEBER, Bryan** [US/US]; 2612 Tahoe Drive, Livermore, CA 94550 (US). **LEVINSOHN, Mitchell** [US/US]; 7924 Spyglass Court, Pleasanton, CA 94588 (US).

(74) **DAVIS, Paul**; Heller Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).

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

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

(51)⁷ A61B

(11) **WO 2004/089186** (13) A2

(21) PCT/US2004/010140

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 10/404,414 **31 Mar/mar 2003** US (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • HANDPIECE WITH RF ELECTRODE AND NON-VOLATILE MEMORY
- PIECE A MAIN A ELECTRODE HF ET MEMOIRE NON VOLATILE
- (71) THERMAGE, INC. [US/US]; 4058 Point Eden Way, Hayward, CA 94545 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KNOWLTON, Edward, W. [US/US]; 5478 Blackhawk Drive, Danville, CA 94506 (US). WEBER, Bryan [US/US]; 2612 Tahoe Drive, Livermore, CA 94550 (US). LEVINSON, Mitchell; 7924 Spyglass Court, Pleasanton, CA 94588 (US). STERN, Roger [US/US]; 10418 Palo Vista Road, Cupertino, CA 95014 (US).
- (74) DAVIS, Paul; Heller Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B
- (11) WO 2004/089188 (13) A2
- (21) PCT/US2004/010253
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 60/459,355 31 Mar/mar 2003 US (31.03.2003)
- (30) 60/483,317 26 Jun/juin 2003 US (26.06.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • VORTEX TRANSDUCER
- TRANSDUCTEUR DE VORTEX
- (71) LIPOSONIX, INC. [US/US]; P.O. BOX 1676, Bothell, WA 98041-1676 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DESILETS, Charles, S. [US/US]; 23616 Edmonds Way, #G, Edmonds, WA 98026 (US). QUISTGAARD, Jens, U. [US/US]; 4716 NE 187th Place, Seattle, WA 98155 (US).
- (74) HESLIN, James, M. et al. / etc.; Townsend and Townsend and Crew Llp, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B
- (11) WO 2004/089187 (13) A2
- (21) PCT/US2004/010169
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 60/459,878 1 Apr/avr 2003 US (01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CARIES RISK TEST FOR PREDICTING AND ASSESSING THE RISK OF DISEASE
- EPREUVE DE SUSCEPTIBILITE A LA CARIE ET EVALUATION DE SUSCEPTIBILITE A LA MALADIE
- (71) UNIVERSITY OF SOUTHERN CALIFORNIA [US/US]; 3716 South Hope Street, Suite 313, Los Angeles, CA 90007-4344 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DENNY, Patricia, A. [US/US]; University of Southern California, 3716 South Hope Street, Suite 313, Los Angeles, CA 90007-4344 (US). DENNY, Paul, C. [US/US]; University of Southern California, 3716 South Hope Street, Suite 313, Los Angeles, CA 90007-4344 (US). NAVAZESH, Mahvash [US/US]; University of Southern California, 3716 South Hope Street, Suite 313, Los Angeles, CA 90007-4344 (US).
- (74) BERSON, Olga et al. / etc.; Hogan & Hartson L.L.P., Biltmore Tower, 500 South Grand Avenue, Suite 1900, Los Angeles, CA 90071 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE
- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B
- (11) WO 2004/089189 (13) A2
- (21) PCT/US2004/010271
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/460,246 4 Apr/avr 2003 US (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MINIMALLY-INVASIVE IMAGING OF VIRAL GENE THERAPY AND PRESURGICAL APPLICATIONS THEREOF
- IMAGERIE AU MINIMUM INVASIVE DE THERAPIE GENIQUE VIRALE ET SES APPLICATIONS PRE-CHIRURGICALES
- (71) SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH [US/US]; Office of Industrial Affairs, 1275 York Avenue, New York, NY 10021 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STANZIALE, Stephen, F. [US/US]; 435 East 70th Street, Apt. #28H, New York, NY 10021 (US). FONG, Yuman [US/US]; 345 East 68th Street, Apt. # 4B, New York, 10021 (US). STILES, Brendon [US/US]; 1233 York Avenue, Apt. #12F, New York, NY 10021 (US).
- (74) LARSON, Marina, T.; Oppedahl & Larson LLP, P.O. Box 5068, Dillon, CO 80435 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B
- (11) WO 2004/089190 (13) A2
- (21) PCT/US2004/010405
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 60/459,646 3 Apr/avr 2003 US (03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHODS AND PROBES FOR IDENTIFYING VULNERABLE PLAQUE
- PROCEDES ET SONDRES D'IDENTIFICATION D'UNE PLAQUE VULNERABLE
- (71) HAKIMI CONSULTING INTERNATIONAL [US/US]; 2215 Whitley Drive, Durham, NC 27707 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AGAH, Ramtin [US/US]; 2215 Whitley Drive, Durham, NC 27707 (US).
- (74) WEISS MCLEOD, Bonnie et al. / etc.; Morgan, Lewis & Bockius LLP, 1111 Pennsylvania Avenue, NW, Washington, DC 20004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

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

(51)⁷ A61B

(11) WO 2004/089191 (13) A2

(21) PCT/US2004/009860

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,036 31 Mar/mar 2003 US (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TISSUE DISTRACTION DEVICE

• DISPOSITIF DE DISTRACTION DE TISSU

(71) SPINE WAVE, INC. [US/US]; 2 Enterprise Drive, Suite 302, Shelton, CT 06484 (US).

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

(72, 75) RAYMOND, Spanky, A. [US/US]; 2513 Greenview Drive, Uniontown, OH 44685 (US). BONO, Frank, S. [US/US]; 7 River Run Rd., Newton, CT 06470 (US).

WILSON, Thomas, G. [US/US]; 24 Overlook Ln., Guilford, CT 06437 (US). LOGAN, Joseph [US/US]; 10 Mallett Drive, Trumbull, CT 06611 (US). WY SOCKI, Steven, J. [US/US]; 65 Horace street, Stratford, CT 06611 (US).

(74) BECK, Michael, D.; Maginot, Moore & Beck, Bank One Center/Tower, 111 Monument Circle, Suite 3000, Indianapolis, IN 46204-5115 (US).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61B

(11) WO 2004/089192 (13) A2

(21) PCT/US2004/009999

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,695 2 Apr/avr 2003 US (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PELVIC PLANE LOCATOR AND PATIENT POSITIONER

• LOCALISATEUR DE PLAN PELVIEN ET DISPOSITIF DE POSITIONNEMENT POUR PATIENT

(71) KINAMED, INC. [US/US]; 820 Flynn Road, Camarillo, CA 93012-8701 (US).

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

(72, 75) SARIN, Vineet, Kumar [US/US]; 1800 Hillcrest Drive, Apt. 236, Thousand Oaks, CA 91320 (US). BRUCE, Robert, A. [US/US]; 100 South Dunning Street, Ventura, CA 93003 (US). PRATT, William, Ralph [US/US]; 140 Hope Road, Newbury Park, CA 91320 (US). PRATT, Clyde, Ronald [US/US]; 5898 La Cumbre, Somis, CA 93066 (US).

(74) JOHNSON, William, L.; P.O. Box 1240, Somis, CA 93066-1240 (US).

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

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

(51)⁷ A61B 1/00

(11) WO 2004/089193 (13) A1

(21) PCT/JP2004/004147

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-98219 1 Apr/avr 2003 JP (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CAPSULE ENDOSCOPE SYSTEM

• SYSTEME D'ENDOSCOPE DE TYPE CAPSULE

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

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

(72, 75) MATSUMOTO, Kazuya [JP/JP]; c/o Olympus Corporation, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP). SUZUSHIMA, Hiroshi [JP/JP]; c/o Olympus Corporation, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 FUJIMORI, Noriyuki [JP/JP]; c/o Olympus Corporation, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072

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

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

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

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

(51)⁷ A61B 1/00

(11) WO 2004/089194 (13) A1

(21) PCT/JP2004/004965

(22) 6 Apr/avr 2004 (06.04.2004)

(25) ja (26) ja

(30) 2003-103075 7 Apr/avr 2003 JP (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MOUTHPIECE AND ORAL CAVITY PHOTOGRAPHING SYSTEM USING THAT MOUTHPIECE

• EMBOUT BUCCAL ET SYSTEME DE PHOTOGRAPHIE DE LA CAVITE BUCCALE UTILISANT LEDIT EMBOUT

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

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

(72, 75) KOBAYASHI, Hiroyoshi [JP/JP]

(74) SUZUYE, Takehiko et al. / etc.; c/o Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

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

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

(51)⁷ A61B 1/005

(11) WO 2004/089195 (13) A1

(21) PCT/US2004/009768

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/406,148 1 Apr/avr 2003 US (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AUTOSTEERING VISION ENDOSCOPE

• ENDOSCOPE AUTOGUIDE

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One SciMed Place, Maple Grove, MN 55411-1566 (US).

(72) BOULAIS, Dennis, R.; 7 Shepard Hill Road, Danielson, CT 06239 (US). BANIK, Michael, S.; 119 Wilder Road, Bolton, MA 01740 (US).

(74) TULLETT, Rodney, C.; Christensen O'Connor Johnson Kindness PLLC, 1420 Fifth Avenue, Suite 2800, Seattle, WA 98101 (US).

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

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

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(21) PCT/JP2004/004783

(22) 1 Apr/avr 2004 (01.04.2004)

(25) ja (26) ja

(30) 2003-098594 1 Apr/avr 2003 JP (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • IN-EXAMINEE INFORMATION ACQUISITION DEVICE

• DISPOSITIF D'ACQUISITION D'INFORMATIONS D'EXAMEN A L'INTERIEUR D'UN SUJET

(71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 1510072 (JP).

(72) HONDA, Takemitsu; 3-13-8, Tamadaira, Hino-shi, Tokyo 1910062 (JP). SHIGEMORI, Toshiaki; 4-5556-17, Mita, Tama-ku, Kawasaki-shi, Kanagawa 2140034 (JP). KIMOTO, Seiichiro; 7-14-11, Oowadamachi, Hachioji-shi, Tokyo 1920045 (JP). NAGASE, Ayako; 6-14-5-533, Oowadamachi, Hachioji-shi, Tokyo 1920045 (JP). SASAGAWA, Katsuyoshi; 4-5-63-301, Minamidaira, Hino-shi, Tokyo 1910041 (JP). SHIMIZU, Hatsuo; 919-66, Utsukicho, Hachioji-shi, Tokyo 1920024 (JP). MINAI, Tetsuo; 1-23-8-D, Kuboyamacho, Hachioji-shi, Tokyo 1920023 (JP). NAKAMURA, Tsutomu; 9404-5, Sawajiri, Minamiminowamura, Kamiina-gun, Nagano 3994511 (JP). SUZUSHIMA, Hiroshi; 8718-301, Nakaminowa, Minowamachi, Kamiina-gun, Nagano 3994601 (JP). FUJIMORI, Noriyuki; 2575, Konami, Suwa-shi, Nagano 3920131 (JP). ORIHARA, Tatsuya; 1-18-1, Kuboyamacho, Hachioji-shi, Tokyo 1920023 (JP). SUZUKI, Katsuya; 2-18-14-304, Hashimoto, Sagami-hara-shi, Kanagawa 2291103 (JP). HASHIMOTO, Masayuki; 2-8-8, Suzaku, Nara-shi, Nara 6310806 (JP). NAKATSUCHI, Kazutaka; 1-14-91-608, Tamadaira, Hino-shi, Tokyo 1910062 (JP).

(74) SAKAI, Hiroaki; Sakai International Patent Office, Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 1000013 (JP).

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

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

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

(51)⁷ A61B 1/24

(11) WO 2004/089197 (13) A1

(21) PCT/JP2004/004861

(22) 2 Apr/avr 2004 (02.04.2004)

(25) ja (26) ja

(30) 2003-99917 3 Apr/avr 2003 JP (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CARIOUS TOOTH DETECTION DEVICE

• DISPOSITIF DE DETECTION DE DENT CARIEE

(71) KAO CORPORATION [JP/JP]; 14-10, Nihonbashi Kayaba-cho 1-chome, Chuo-ku, Tokyo 103-8210 (JP).
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(72, 75) YAMAGISHI, Atsushi [JP/JP]; Kao Corporation, Research Laboratories, 2-1-3, Bunka, Sumida-shi, Tokyo 131-0044 (JP).

(74) HATORI, Osamu et al. / etc.; Akasaka HKN Bldg. 6F, 8-6, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

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

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

(51)⁷ A61B 3/00

(11) WO 2004/089198 (13) A2

(21) PCT/CA2004/000537

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 60/461,833 11 Apr/avr 2003 US (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PACHYMETER

• PACHYMETRE

(71) PORTABLE OPHTHALMIC DEVICES, INC. [CA/US]; 4374 State Street, Unit 1A, Bettendorf, IA 52722 (US).

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(72, 75) PHILLIPS, Scott [CA/CA]; 2050 Lorne Terrace, Victoria, British Columbia V8S 2H8 (CA). HANSEN, Bjarne [CA/CA]; 1000 De

Costa Place, Victoria, British Columbia V8T 5H8 (CA). EHRECKE, Timothy [US/US]; 4413 Winston Place, Bettendorf, IA 52722-7202 (US).

(74) MANNING, Gavin et al. / etc.; 480 - 601 West Cordova Street, Vancouver, British Columbia V6B 1G1 (CA).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61B 3/032, 3/028

(11) WO 2004/089199 (13) A1

(21) PCT/GB2004/001581

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 0308381.3 10 Apr/avr 2003 GB (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • VISUAL ACUITY TESTING

• TEST DE L'ACUITÉ VISUELLE

(71) CLEMENT CLARKE INTERNATIONAL LIMITED [GB/GB]; Edinburgh Way, Harlow, Essex CM20 2TT (GB).

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

(72, 75) JOHNSTON, Robert, L. [GB/GB]; 186 Leckhampton Road, Cheltenham, Gloucestershire GL53 0AE (GB). DAVIES, Nigel [GB/GB]; 57 Green Street, Chorleywood, Hertfordshire WD3 5QS (GB).

(74) NAYLOR, Matthew et al. / etc.; Mewburn Ellis LLP, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).

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

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

(51)⁷ A61B 3/032, 3/117

(11) WO 2004/089200 (13) A1

(21) PCT/GB2004/001587

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en
(30) 0308537.0 12 Apr/avr 2003 GB
(12.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ARRANGEMENT FOR MEASURING THE OPTICAL QUALITY OF THE ANTERIOR SEGMENT OF THE EYE AND GRATING ELEMENT THEREFOR

• DISPOSITIF DESTINEE A MESURER LA QUALITE OPTIQUE DU SEGMENT ANTERIEUR DE L'OEIL ET ELEMENT RESEAU AFFERENT

(71) UNIVERSITY COLLEGE LONDON HOSPITALS NHS TRUST [GB/GB]; Pond Street, Hamstead, London NW3 2QG (GB).
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(72, 75) WEALE, Robert, Alexander [GB/GB]; Windmill Hill, London NW3 6RU (GB). DAVIES, Nigel, Philip [GB/GB]; 57 Green Street, Chorleywood, Hertfordshire WD3 5QS (GB).

(74) I.P. 21 LIMITED; Norwich Research Park, Colney, Norwich NR4 7UT (GB).

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

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

Declarations / Déclarations :

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

(u) for / pour US only / seulement; (v) for / pour US only / seulement

(51)⁷ A61B 5/00

(11) WO 2004/089201 (13) A1

(21) PCT/IB2004/001037

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 03100965.7 10 Apr/avr 2003 EP
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND UNIT FOR THE RELIABLE ALLOCATION OF NETWORK ELEMENTS TO A WIRELESS SENSOR NETWORK

• PROCEDE ET UNITE POUR L'ATTRIBUTION FIABLE D'ELEMENTS DE RESEAU A UN RESEAU DE CAPTEURS SANS FIL

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).

(only for / seulement pour DE)

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

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(72, 75) MUESCH, Guido [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

KLABUNDE, Karin [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). BALDUS, Heribert [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(74) VOLMER, Georg; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

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

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

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(25) ja (26) ja

(30) 2003-106630 10 Apr/avr 2003 JP
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BIOLOGICAL INFORMATION MONITORING SYSTEM

• SYSTÈME DE SURVEILLANCE D'INFORMATIONS BIOLOGIQUES

(71) INTELLECTUAL PROPERTY BANK CORP. [JP/JP]; 21-19, Toranomom 1-chome, Minato-ku, Tokyo, 1050001 (JP).

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(71, 72) KATAYAMA, Noritada [JP/JP]; SUGITA HOUSE K-1, 12-49, Moegino, Aoba-ku, Yokohama-shi, Kanagawa, 2270044 (JP).

(72, 75) ISHIBASHI, Hiroshi [JP/JP]; 506, 11-4, Kandajinbocho 2-chome, Chiyoda-ku, Tokyo, 1010051 (JP). TOMARU, Takeo [JP/JP]; 4-1418, Sayama, Higashiyamato-shi, Tokyo, 2070003 (JP). YAMAGUCHI, Hiroshi [JP/JP]; Royal Building 5F, 17-4,

Minamifujisawa, Fujisawa-shi, Kanagawa, 2510055 (JP).

(74) YOSHIDA, Yoshiharu; Shuwa No.2 Toranomom Building 6F, 21-19, Toranomom 1-chome, Minato-ku, Tokyo, 1050001 (JP).

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

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

(51)⁷ A61B 5/00, 5/021

(11) WO 2004/089203 (13) A1

(21) PCT/NL2004/000232

(22) 8 Apr/avr 2004 (08.04.2004)

(25) nl (26) en

(30) 1023160 11 Apr/avr 2003 NL
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND DEVICE FOR OBTAINING AN INDICATION OF A GLUCOSE CONCENTRATION VALUE IN THE BLOOD

• METHODE ET DISPOSITIF POUR OBTENIR UNE INDICATION D'UNE VALEUR DE GLYCÈME

(71) FETRICKS HOLLAND V.O.F. [NL/NL]; Cliostraat 28-1, 1077 KH Amsterdam (NL).

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(72, 75) FEITSMA, Jelle, Nanna [NL/NL]; Cliostraat 28-1, 1077 KH Amsterdam (NL).

(74) ARNOLD & SIEDSMA; Sweelinckplein 1, NL-2517 GK The Hague (NL).

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

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

(51)⁷ A61B 5/00, 6/00

(11) WO 2004/089204 (13) A1

(21) PCT/US2004/010403

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,086 3 Apr/avr 2003 US
(03.04.2003)

- (30) 10/812,631 **30 Mar/mar 2004** US
(30.03.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • REAL-TIME ACQUISITION OF CO-REGISTERED X-RAY AND OPTICAL IMAGES
• ACQUISITION EN TEMPS REEL D'IMAGES OPTIQUES ET RADIOLOGIQUES CO-ENREGISTREES
- (71) SIEMENS CORPORATE RESEARCH, INC. [US/US]; 755 College Road East, Princeton, NJ 08540 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAVAB, Nassir [FR/US]; 3 Major Lane, Plainsboro, NJ 08536 (US). WILLIAMS, James, P. [US/US]; 63 Penn-Lyle Road, Princeton Junction, NJ 08550 (US).
- (74) PASCHBURG, Donald, B. et al. / etc.; Siemens Corporation- Intellectual Property Dept., 170 Wood Avenue South, Iselin, NJ 08830 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (51)⁷ A61B 5/01
- (11) WO 2004/089206 (13) A1
- (21) PCT/SG2004/000084
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 2003901694 10 Apr/avr 2003 AU
(10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND APPARATUS FOR MEASURING TEMPERATURE OF A BODY
• PROCEDE ET APPAREIL POUR MESURER LA TEMPERATURE D'UN CORPS
- (71) SINGAPORE TECHNOLOGIES ELECTRONICS LIMITED [SG/SG]; 24 Ang Mo Kio Street 65, Block D, Level 5 Singapore 569061 (SG).
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- (72, 75) LOH, Albert [SG/SG]; c/o 24 Ang Mo Kio Street 65, Block D, Level 5 Singapore 569061 (SG). LEE, Chai, Lay [SG/SG]; c/o 24 Ang Mo Kio Street 65, Block D, Level 5 Singapore 569061 (SG). TAN, Andy, Wee, Kok [SG/SG]; c/o 24 Ang Mo Kio Street 65, Block D, Level 5 Singapore 569061 (SG). KOH, Kee, Poh [SG/SG]; c/o 24 Ang Mo Kio Street 65, Block D, Level 5 Singapore 569061 (SG). QUEK, Simon, Swee, Ken [SG/SG]; c/o 24 Ang Mo Kio Street 65, Block D, Level 5 Singapore 569061 (SG). TAY, Hun, Kiat [SG/SG]; c/o 24 Ang Mo Kio Street 65, Block D, Level 5 Singapore 569061 (SG). SEAH, Moon, Ming [SG/SG]; c/o 24 Ang Mo Kio Street 65, Block D, Level 5 Singapore 569061 (SG).
- (74) SIM, Yuan, Meng, Andrew; c/o Shook Lin & Bok, 1 Robinson Road #18-00 AIA Tower, Singapore 048542 (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 5/0215, 5/03, G01L 9/18
- (11) WO 2004/089207 (13) A1
- (21) PCT/CH2003/000227
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) en (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR MEASURING PRESSURES DERIVING FROM LEAKAGE CURRENT
• PROCEDE DE MESURE DE PRESSIONS SUR LA BASE DE COURANTS DE FUITE
- (71) PP-TECHNOLOGIES AG [CH/CH]; Bonnstrasse 28, CH-3186 Düringen (CH).
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- (72, 75) GLOCKER, Raymond [DE/CH]; c/o PPS-REPROMED AG, Bonnstrasse 28, CH-3186 Düringen (CH). ÖZDEMİR, Halidun [TR/CH]; c/o PPS-REPROMED AG, Bonnstrasse 28, CH-3189 Düringen (CH).
- (74) ROLAND, André; Avenue Tissot 15, cp 1255, CH-1001 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 NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61B 5/024, 5/11, 5/113
- (11) WO 2004/089208 (13) A1
- (21) PCT/AU2004/000465
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 2003901660 8 Apr/avr 2003 AU
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MICROWAVE BASED MONITORING SYSTEM AND METHOD
• PROCEDE ET SYSTEME DE SURVEILLANCE A HYPERFREQUENCE
- (71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION [AU/AU]; Limestone Avenue, Campbell, ACT 2612 (AU).
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(72, 75) **CORLETTE, Sebastian, John** [AU/AU]; "Eaglerock", 128 Bowral Road, Mittagong, NSW 2575 (AU). **ABLES, Jon, Gordon** [US/AU]; 3/27 Anthony Road, Denistone, NSW 2114 (AU). **BISHOP, David, William** [AU/AU]; 4 Kookaburra Close, Bayview, NSW 2104 (AU).

(74) **SHELSTON IP**; 60 Margaret Street, Sydney, NSW 2000 (AU).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **A61B 5/04, 5/0245, B60K 28/06**

(11) **WO 2004/089209** (13) A1

(21) PCT/JP2004/003390

(22) **15 Mar/mar 2004 (15.03.2004)**

(25) ja (26) ja

(30) 2003-100454 **3 Apr/avr 2003 JP (03.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LIVING BODY INFORMATION DETECTING DEVICE, CONTACT MEMBER USED THEREFOR, AND LIVING BODY INFORMATION DETECTING MEMBER-USE PAINT

• DISPOSITIF DE DETECTION D'INFORMATIONS CONCERNANT UN CORPS VIVANT, ELEMENT DE CONTACT UTILISE POUR CE DISPOSITIF ET PEINTURE DESTINEE A UN ELEMENT DE DETECTION D'INFORMATIONS CONCERNANT UN CORPS VIVANT

(71) **PIONEER CORPORATION** [JP/JP]; 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654 (JP).

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(72, 75) **YANAGIDAIRA, Masatoshi** [JP/JP]; c/o Pioneer Corporation, Sogo Kenkyusho, 1-1, Fujimi 6-chome, Tsurugashima-shi, Saitama 350-2201 (JP). **YASUSHI, Mitsuo** [JP/JP]; c/o Pioneer Corporation, Sogo Kenkyusho, 1-1, Fujimi 6-chome, Tsurugashima-shi, Saitama 350-2201 (JP). **SHIODA, Takehiko** [JP/JP]; c/o Pioneer Corporation, Sogo Kenkyusho, 1-1, Fujimi 6-chome, Tsurugashima-shi, Saitama 350-2201 (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 BW BY BZ CA CH CN CO CR CU CZ DE

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

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

(51)⁷ **A61B 5/0452**

(11) **WO 2004/089210** (13) A1

(21) PCT/FI2004/050034

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 20030547 **10 Apr/avr 2003 FI (10.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM AND METHOD FOR ANALYSING THE P-WAVE OF AN ECG-SIGNAL

• SYSTEME ET PROCEDURE D'ANALYSE DE L'ONDE P D'UN SIGNAL D'ECG

(71, 72) **KORHONEN, Pentti** [FI/FI]; Vaaheratie 6, FIN-36200 Kangasala (FI).

(74) **TAMPEREEN PATENTTITOIMISTO OY**; Hermiankatu 12 B, FIN-33720 Tampere (FI).

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

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

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(51)⁷ **A61B 5/05**

(11) **WO 2004/089211** (13) A2

(21) PCT/IB2004/050378

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) en (26) en

(30) 03100968.1 **10 Apr/avr 2003 EP (10.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MAGNETIC RESONANCE EXAMINATION APPARATUS AND METHOD OF PERFORMING AN EXAMINATION USING MAGNETIC RESONANCE

• APPAREIL D'EXAMEN PAR RESONANCE MAGNETIQUE ET PROCEDURE

D'EXAMEN PAR RESONANCE MAGNETIQUE

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

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(72, 75) **TUITHOF, Hans, H.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DEN BOEF, Johannes, H.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VRIJHEID, Johan, E., W.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **SINNEMA, Dirk** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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

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

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

(51)⁷ **A61B 5/08, 5/0468, A61M 16/10**

(11) **WO 2004/089212** (13) A1

(21) PCT/JP2004/004712

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) ja (26) ja

(30) 2003-098992 **2 Apr/avr 2003 JP (02.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SLEEP RESPIRATORY DISORDER EXAMINATION DEVICE AND TREATMENT SYSTEM

• DISPOSITIF D'EXAMEN DES TROUBLES RESPIRATOIRES DU SOMMEIL ET SYSTEME DE TRAITEMENT DESDITS TROUBLES

(71) **TEIJIN PHARMA LIMITED** [JP/JP]; 1-1, Uchisaiwaicho 2-chome, Chiyoda-ku Tokyo, 1000011 (JP).

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(72, 75) **IMOSE, Kazuo** [JP/JP]; c/o Teijin Pharma Limited 1-1, Uchisaiwaicho 2-chome Chiyoda-ku Tokyo, 1000011 (JP).

(74) **MIHARA, Hideko**; c/o Teijin Intellectual Property Center Limited, 1-1, Uchisaiwaicho 2-chome, Chiyoda-ku Tokyo, 1000011 (JP).

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

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

(51)⁷ A61B 5/11, A43B 7/04

(11) WO 2004/089213 (13) A1

(21) PCT/ES2004/000161

(22) 13 Apr/avr 2004 (13.04.2004)

(25) es (26) es

(30) P200300890 14 Apr/avr 2003 ES (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM FOR DETECTING CONTACT POINTS

• SYSTEME DE DETECTION D'APPUI

(71) UNIVERSIDAD DE CÁDIZ [ES/ES]; C/ Ancha, 16, E-11001, Cádiz (ES).

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(72, 75) MORA VICENTE, Jesús [ES/ES]; Dpto. Didáctica de la Educación Física, Plástica y, Musical, Facultad de Ciencias de la Educación, República Saharaui, s/n, E-11519 Puerto Real (ES). GONZÁLEZ MONTESINOS, José, Luis [ES/ES]; Dpto. Didáctica de la Educación Física, Plástica y, Musical, Facultad de Ciencias de la Educación, República Saharaui, s/n, E-11519 Puerto Real (ES).

(74) UNIVERSIDAD DE CÁDIZ (OTRI); C/ Ancha, 16, E-11001, Cádiz (ES).

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

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

(51)⁷ A61B 5/117, 3/00

(11) WO 2004/089214 (13) A2

(21) PCT/EP2004/003415

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/462,551 11 Apr/avr 2003 US (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM AND METHOD FOR ACQUIRING DATA AND ALIGNING AND TRACKING OF AN EYE

• SYSTEME ET PROCEDE POUR ACQUERIR DES DONNEES ET ALIGNER ET SUIVRE UN OEIL

(71) BAUSCH & LOMB INC. [US/US]; One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).

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(72, 75) BJÖRN, Kahlen [DE/DE]; Con Trace GmbH, Hinrich-Ahrnke-Strasse 2, 28757 Bremen (DE).

(74) VOSSIUS & PARTNER; Siebertstrasse 4, 81675 Munich (DE).

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

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

(51)⁷ A61B 5/117, G01N 33/68

(11) WO 2004/089215 (13) A1

(21) PCT/GB2004/001520

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 0308084.3 8 Apr/avr 2003 GB (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • VISUALISATION OF DEPOSITS FORMED BY CONTACT WITH SKIN ON A SUBSTRATE

• VISUALISATION DE DEPOTS FORMES PAR CONTACT DE LA PEAU SUR UN SUBSTRAT

(71) THE SECRETARY OF STATE FOR THE HOME DEPARTMENT [GB/GB]; c/o The Forensic Science Service, Priory House, Gooch Street North, Birmingham B5 6QQ (GB).

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(72, 75) BRENNAN, John, Stewart [GB/GB]; The Forensic Science Service, 109 Lambert Road, Lambeth, London SE1 7LP (GB).

(74) PAWLYN, Anthony, Neil; Urquhart-Dykes & Lord LLP, Tower North Central, Merrion Way, Leeds LS2 8PA (GB).

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

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

(51)⁷ A61B 5/20

(11) WO 2004/089216 (13) A1

(21) PCT/KR2003/000705

(22) 9 Apr/avr 2003 (09.04.2003)

(25) ko (26) en

(30) 10-2003-0021632 7 Apr/avr 2003 KR (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND APPARATUS FOR VERIFYING DATA MEASURED BY SEVERAL MEANS IN REAL-TIME

• PROCEDE ET DISPOSITIF POUR VERIFIER DES DONNEES MESUREES PAR DIFFERENTS MOYENS EN TEMPS REEL

(71) HMT CO., LTD. [KR/KR]; Woonjeong Bldg., 261-1 Yangjae-dong, Seocho-gu, 137-130 Seoul (KR).

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(72, 75) MO, Seung-Kee [KR/KR]; Woonjeong Bldg., 261-1 Yangjae-dong, Seocho-gu, 137-130 Seoul (KR).

(74) LEE, Kyeong-Ran; 502 BYC Bldg., 648-1 Yeoksam 1-dong, Kangnam-ku, Seoul 135-081 (KR).

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

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

(51)⁷ A61B 6/03

(11) WO 2004/089217 (13) A1

(21) PCT/IB2004/001061

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 03100975.6 10 Apr/avr 2003 EP (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COMPUTER TOMOGRAPHY METHOD FOR A PERIODICALLY MOVING OBJECT

• PROCEDE TOMODENSITOMETRIQUE POUR OBJET A DEPLACEMENT PERIODIQUE

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).

(only for / seulement pour DE)

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

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(72, 75) KÖHLER, Thomas [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). GRASS, Michael [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). PROKSA, Roland [DE/DE]; c/o Philips Intellectual

- Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).
- (74) MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 6/03
- (11) WO 2004/089218 (13) A1
- (21) PCT/JP2004/004884
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) ja (26) ja
- (30) 2003-101284 4 Apr/avr 2003 JP (04.04.2003)
- (30) 2003-345364 3 Oct/oct 2003 JP (03.10.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FUNCTION IMAGE DISPLAY METHOD AND DEVICE
- PROCEDE DE PRESENTATION D'IMAGES DE FONCTIONS ET DISPOSITIF ASSOCIE
- (71) HITACHI MEDICAL CORPORATION [JP/JP]; 1-14, Uchikanda 1-chome, Chiyoda-ku, Tokyo 100-0047 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OMI, Yasuo [JP/JP]; 5-1073-5, Nonoshita, Nagareyama-shi, Chiba 270-0135 (JP). MIYAZAKI, Osamu [JP/JP]; 6-12-6, Matsumaedai, Moriya-shi, Ibaraki 302-0102 (JP). YASUDA, Mitsugu [JP/JP]; 2-8-16, Ayukawa-cho, Hitachi-shi, Ibaraki 316-0036 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁶ A61B 8/00
- (11) WO 2004/089220 (13) A1
- (21) PCT/JP1997/004218
- (22) 19 Nov/nov 1997 (19.11.1997)
- (25) ja (26) ja
- (30) 8/307627 19 Nov/nov 1996 JP (19.11.1996)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ULTRASONIC PROBE AND ULTRASONIC DIAGNOSING DEVICE USING IT
- SONDE ECHOGRAPHIQUE ET DISPOSITIF DE DIAGNOSTIC ECHOGRAPHIQUE UTILISANT LADITE SONDE
- (71, 72) ASAHUSA, Katsunori [JP/JP]; 1575-13, Takayanagi, Matsudo-shi, Chiba 270 (JP).
- (74) SASAJIMA, Fujio et al. / etc.; Toranomon 1-chome Mori Building, 19-5, Toranomon 1-chome, Minato-ku, Tokyo 105 (JP).
- (81) US.
- Published / Publiée : (e): 09Oct/oct 2001 (09.10.2001), 6299580
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- (51)⁷ A61B 8/00
- (11) WO 2004/089221 (13) A1
- (21) PCT/JP2004/004885
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) ja (26) ja
- (30) 2003-104329 8 Apr/avr 2003 JP (08.04.2003)
- (30) 2003-290491 8 Aug/août 2003 JP (08.08.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ULTRASONOGRAPH
- APPAREIL D'ECHOGRAPHIE
- (71) HITACHI MEDICAL CORPORATION [JP/JP]; 1-14, Uchikanda 1-chome, Chiyoda-ku, Tokyo 100-0047 (JP).
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- (72, 75) KISHIMOTO, Shinji [JP/JP]; 5510-10, Sakate-machi, Mitsukaido-shi, Ibaraki 303-0042 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 8/00
- (11) WO 2004/089222 (13) A1
- (21) PCT/JP2004/002667
- (22) 3 Mar/mar 2004 (03.03.2004)
- (25) ja (26) ja
- (30) 2003-100774 3 Apr/avr 2003 JP (03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ULTRASONOGRAPH AND METHOD FOR CONTROLLING ULTRASONOGRAPH
- DISPOSITIF D'ECHOGRAPHIE ET SON PROCEDE DE COMMANDE
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
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- (72, 75) KATO, Makoto HASHIMOTO, Masahiko
- (74) OKUDA, Seiji; Okuda & Associates, 2nd Floor, Kataoka Bldg., 3-6, Uchiawajimachi 1-chome, Chuo-ku, Osaka-shi, Osaka 5400038 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

- MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
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(11) WO 2004/089223 (13) A1
(21) PCT/JP2004/004773
(22) 1 Apr/avr 2004 (01.04.2004)
(25) ja (26) ja
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(01.04.2003)
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(01.04.2003)
(30) 2003-098215 1 Apr/avr 2003 JP
(01.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • ULTRASONIC VIBRATOR AND
METHOD OF PRODUCING THE SAME
• VIBRATEUR ULTRASONORE ET SON
PROCEDE DE FABRICATION
- (71) OLYMPUS CORPORATION [JP/JP];
43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo
151-0072 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) SAWADA, Yukihiko [JP/JP]; c/o Olym-
pus Corporation, 43-2, Hatagaya 2-chome,
Shibuya-ku, Tokyo 151-0072 (JP).
- (74) ITOH, Susumu; Musashi Bldg., 4-4,
Nishishinjuku 7-chome, Shinjuku-ku, Tokyo
160-0023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ A61B 17/00, A61F 2/46
(11) WO 2004/089224 (13) A2
(21) PCT/US2004/010110
(22) 31 Mar/mar 2004 (31.03.2004)
(25) en (26) en
(30) 60/459,280 31 Mar/mar 2003 US
(31.03.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • METHOD AND APPARATUS FOR AR-
TIFICIAL DISC INSERTION
• PROCEDE ET APPAREIL POUR INSE-
RER UN DISQUE ARTIFICIEL
- (71) DEPUY SPINE, INC. [US/US]; 325 Para-
mount Drive, Raynham, MA 02767-0350
(US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) HAWKINS, John, Riley [US/US]; 40
Cook Road, Cumberland, RI 02864 (US).
STAD, Shawn, D. [US/US]; 35 Courtney
Street, Apt. 12, Fall River, MA 02720 (US).
ROGERS, Christopher [US/US]; 120 Dean
Street, Apt. 304B, Tauton, MA 02780 (US).
GRINBERG, Alexander [US/US]; 2265
Commonwealth Avenue, Newton, MA 02466
(US). NAUGHTON, Ronald [US/US]; 5
Horizon Drive, Tiverton, RI 02878 (US).
- (74) PIERCE, Scott, N. 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ A61B 17/04
(11) WO 2004/089225 (13) A1
(21) PCT/KR2004/000828
(22) 9 Apr/avr 2004 (09.04.2004)
(25) ko (26) en
(30) 10-2003-0022907 11 Apr/avr 2003 KR
(11.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • AN IMPROVED CIRCULAR STAPLER
• AGRAFEUSE CIRCULAIRE AMÉLIO-
RÉE
- (71, 72) HUR, Yoon-Seok [KR/KR]; 203-801,
Yuwon 2-cha Apt., Dansan-dong 5-ga,
Yongdeungpo-ku, 150-045 Seoul (KR).
- (74) YOU ME PATENT & LAW FIRM;
Teheran Bldg., 825-33, Yoksam-dong, Kang-
nam-Ku, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ A61B 17/16
(11) WO 2004/089226 (13) A1
(21) PCT/EP2004/001863
(22) 25 Feb/fév 2004 (25.02.2004)
(25) de (26) de
(30) 203 05 915.8 11 Apr/avr 2003 DE
(11.04.2003)
(30) 103 16 781.1 11 Apr/avr 2003 DE
(11.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • RASP ATTACHMENT FOR A MOTOR-
DRIVEN SURGICAL HAND-HELD DE-
VICE
• EMBOUT SOUS FORME DE RAPE
POUR APPAREIL A MAIN CHIRURGI-
CAL ENTRAINE PAR MOTEUR
- (71, 72) NOLDE, Martin [DE/DE]; Grosse Alle
42, 89407 Dillingen (DE).
- (74) ZIMMERMANN, Tankred et al. / etc.;
Schoppe, Zimmermann, Stöckeler & Zinkler
Postfach 246, 82043 Pullach (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).
-
- (51)⁷ A61B 17/16
(11) WO 2004/089227 (13) A2
(21) PCT/EP2004/003793
(22) 8 Apr/avr 2004 (08.04.2004)
(25) de (26) de
(30) 103 16 991.1 11 Apr/avr 2003 DE
(11.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • OSTEOTOME AND SURGICAL IN-
STRUMENT USED IN OSTEOTOMY
• OSTEOTOME ET INSTRUMENT CHI-
RURGICAL D'OSTEOTOMIE
- (71, 72) KUHN, Harald [DE/DE]; Meerwiesen-
strasse 38, 33442 Herzbrock-Clarholz (DE).
- (74) STRAUSS, H., J.; Vennstrasse 9, 33330
Gütersloh (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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

Declarations / Déclarations :

(r) for all designations / pour toutes les designations

(s) for all designations / pour toutes les designations

(t) for all designations / pour toutes les designations

(u) for / pour US only / seulement

(51)⁷ A61B 17/32, 17/00, 17/02

(11) WO 2004/089228 (13) A1

(21) PCT/BR2004/000054

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) PI0301879-2 14 Apr/avr 2003 BR (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A SURGICAL DEVICE AND METHOD FOR CUTANEOUS DETACHMENT OF SKIN

• DISPOSITIF CHIRURGICAL ET PROCEDE DESTINE A DETACHER DE LA PEAU

(71, 72) LUZ, Dilson, Ferreira da [BR/BR]; Rua Gramado, 9172, Candeias, 54470090 Jaboatão dos Guararapes-PE (BR).

(74) MOMSEN LEONARDOS & CIA.; Rua Teofilo Otoni 63, 10th floor, 20090-080 Rio de Janeiro RJ (BR).

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

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

(51)⁷ A61B 17/435

(11) WO 2004/089229 (13) A1

(21) PCT/US2004/009974

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,311 1 Apr/avr 2003 US (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ASPIRATION AND FLUSHING NEEDLE

• AIGUILLE D'ASPIRATION ET DE LAVAGE

(71) WILLIAM A. COOK AUSTRALIA PTY. LTD. [AU/AU]; 12 Electronics Street, Brisbane Technology Park, Eight Mile Plains, Brisbane, QLD 4113 (AU). COOK INCORPORATED [US/US]; 750 North Daniel's Way, P.O. Box 489, Bloomington, IN 47402-0489 (US).

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(72, 75) JUNGER, Michael, Carl [AU/AU]; 67 Brookfield Crescent, Brookfield QLD 4069 (AU).

(74) GODLEWSKI, Richard, J.; P.O. Box 2269, Bloomington, IN 47402-2269 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61B 17/68, F16B 13/02

(11) WO 2004/089230 (13) A1

(21) PCT/EP2004/001728

(22) 21 Feb/fév 2004 (21.02.2004)

(25) de (26) de

(30) 203 05 713.9 9 Apr/avr 2003 DE (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BONE PIN

• CHEVILLE OSSEUSE

(71, 72) GAUSEPOHL, Thomas [DE/DE]; Overrather Str. 20, 51109 Köln (DE). WILLMEN, Hans, Rainer [DE/DE]; Nachtigallenstr. 22, 41515 Grevenbroich (DE).

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

(74) KOCH, Günther et al. / etc.; Garmischer Strasse 4, 80339 München (DE).

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

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

(51)⁷ A61B 17/68, 17/88

(11) WO 2004/089231 (13) A1

(21) PCT/US2004/009795

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/407,890 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CRANIAL FLAP FIXATION SYSTEM AND METHOD

• SYSTEME ET PROCEDE POUR LA FIXATION DE VOLET CRANIEN

(71) OSTEOMED L.P. [US/US]; 3885 Arapaho Road, Addison, TX 75001 (US).

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

(72, 75) AHMAD, Shaher, A. [US/US]; 2305 Sky Harbor Drive, Plano, TX 75025 (US). PATTERSON, Chad, Joseph [US/US]; 16951 Addison Road, Addison, TX 75001 (US). THORNHILL, Lisa, Regina [US/US]; 9850 Crestwick Drive, Dallas, TX 75238 (US).

(74) PEDERSEN, Luke, K.; Baker Botts L.L.P., 2001 Ross Avenue, Dallas, TX 75201-2980 (US).

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

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

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les designations suivantes :

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

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

(51)⁷ A61B 17/74

(11) WO 2004/089232 (13) A1

(21) PCT/IB2004/001064

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) 2003 0648/03 9 Apr/avr 2003 CH (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • INTRAMEDULLARY NAIL FOR FEMUR FRACTURE FIXATION
• CLOU INTRAMEDULLAIRE POUR FIXATION DE FRACTURES DU FEMUR
- (71) STRATEC MEDICAL AG [CH/CH]; Eimattstrasse 3, 4436 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ASCHMANN, Felix [CH/CH]; Zürcherstrasse 127, 4052 Basel (CH).
- (74) ROSENICH, Paul et al. / etc.; Patentbüro Paul Rosenich AG, BGZ, FL-9497 Triesenberg (LI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B 17/80
- (11) WO 2004/089233 (13) A1
- (21) PCT/EP2004/001178
- (22) 9 Feb/fév 2004 (09.02.2004)
- (25) de (26) de
- (30) 103 16 837.0 11 Apr/avr 2003 DE (11.04.2003)
- (30) 103 20 124.6 6 May/mai 2003 DE (06.05.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OSTEOSYNTHESIS PLATE FOR OPERATIVE CARE OF BONE FRACTURES
• PLAQUE D'OSTEOSYNTHESE DESTINÉE AU TRAITEMENT OPERATOIRE DE FRACTURES OSSEUSES
- (71) KÖNIGSEE IMPLANTATE UND INSTRUMENTE ZUR OSTEOSYNTHESE GMBH [DE/DE]; Am Sand, 07426 Königsee/Aschau (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) THIELKE, Karl-Heinz [DE/DE]; Fülmer Strasse 31, 32457 Porta Westfalica (DE). BUSCH, Thomas [DE/DE]; In der Flecke 23, 07422 Bad Blankenburg (DE). EHRHARDT, Arnd [DE/DE]; Orsstrasse 103 D, 07426 Dörfelfeld (DE).
- (74) KRÜSPIG, Volkmar et al. / etc.; Meissner, Bolte & Partner, Postfach 86 06 24, 81633 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 18/02
- (11) WO 2004/089234 (13) A1
- (21) PCT/EP2004/003812
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) de (26) de
- (30) 203 05 694.9 8 Apr/avr 2003 DE (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PORTABLE CRYOTHERAPEUTIC APPARATUS
• APPAREIL DE CRYOTHERAPIE PORTATIF
- (71) 3RD ANGLE (U.K.) LTD. [GB/GB]; Unit 7, Netherton Workshops, New Road, Highley, Shropshire WV16 6NN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CURRIE, Neil, Anthony [GB/GB]; 3 Beach Road, Stourport-on-Severn, Worcestershire DY13 0NA (GB).
- (74) REITSTÖTTER KINZEBACH; Reitstötter, Kinzebach & Partner (GbR), Sternwartstrasse 4, 81679 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B 19/00
- (11) WO 2004/089235 (13) A2
- (21) PCT/US2004/010182
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/459,986 4 Apr/avr 2003 US (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHODS AND APPARATUS FOR PERFUSION, DIAGNOSIS, STORAGE AND/OR TRANSPORT OF AN ORGAN OR TISSUE
• METHODES ET APPAREIL DE PERFUSION, DIAGNOSTIC, STOCKAGE ET/OU TRANSPORT D'UN ORGANE OU D'UN TISSU
- (71) ORGAN RECOVERY SYSTEMS, INC. [US/US]; 2570 E. Devon Ave., Des Plaines, IL 60018 (US).
- (72, 75) WRIGHT, David, Walter [US/US]; 5 Willowleaf Drive, Littleton, CO 80127 (US). BRASSIL, John [US/US]; 1810 Maple, Northbrook, IL 60062 (US). SCHEIN, Douglas [US/US]; 415 Whitehall Drive, Arlington Heights, IL 60004 (US). GARLAND, Jeffrey, C. [US/US]; 10080 South Blackbird Place, Littleton, CO 80126 (US). TRAVIS, Lee, Williams [US/US]; 2986 Windridge Circle, Highlands Ranch, CO 80126 (US).
- (74) BERRIDGE, William, P.; P.O. Box 19928, Alexandria, VA 22320 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61C 5/00
- (11) WO 2004/089236 (13) A1
- (21) PCT/IS2004/000002
- (22) 2 Feb/fév 2004 (02.02.2004)
- (25) en (26) en
- (30) 6777 10 Apr/avr 2003 IS (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • INSERTS FOR TOOTH REPAIR
• INSERTS DE RESTAURATION DENTAIRE
- (71) GLOBODENT EHF. [IS/IS]; Hofsbót 4, IS-600 Akureyri (IS).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JONSSON, Egill [IS/IS]; Storergerdi 17, IS-600 Akureyri (IS).
- (74) A & P ARNASON; Efstaleiti 5, IS-103 Reykjavik (IS).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ A61D
- (11) WO 2004/089237 (13) A2
- (21) PCT/IB2004/001097

- (22) 9 Apr/avr 2004 (09.04.2004)
- (25) en (26) en
- (30) 2003/2774 9 Apr/avr 2003 ZA
(09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ADMINISTERING OF LIQUIDS TO ANIMALS
• ADMINISTRATION DE LIQUIDES A DES ANIMAUX
- (71, 72) MENTZ, Pieter, Meyer [ZA/ZA]; Fox Hill, 2351 DISTRICT ERMELO (ZA).
- (74) VAN DER WALT, Louis, Stephanus; Adams & Adams, Adams & Adams Place, 1140 Prospect Street, Hatfield, PO Box 1014, 0001 Pretoria (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61D
- (11) WO 2004/089239 (13) A2
- (21) PCT/US2004/010425
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 60/460,627 4 Apr/avr 2003 US
(04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • TOPICAL ANTHELMINTIC VETERINARY FORMULATIONS
• FORMULATIONS VETERINAIRES ANTHELMINTHIQUES TOPIQUES
- (71) MERIAL LTD. [US/US]; 3239 Satellite Blvd., Duluth, GA 30096 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SOLL, Mark, D. [US/US]; 605 Newport Shore, Alpharetta, GA 30005 (US).
KUMAR, Krishan [US/US]; 3 Delaney Courtive, Manalapan, NJ 07720 (US).
WARANIS, Robert, P. [US/US]; 20 Chaucer Dr., Annandale, NJ 08801 (US).
SHUB, Natalya [US/US]; 180 Lehigh Avenue, Bridgewater, NJ 08807 (US).
- (74) JARECKI-BLACK, Judy, C.; 3239 Satellite Blvd., Duluth, GA 30096 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61D
- (11) WO 2004/089238 (13) A2
- (21) PCT/US2004/010024
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 10/404,274 1 Apr/avr 2003 US
(01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DISPENSER HAVING PIEZOELECTRIC ELEMENTS AND METHOD OF OPERATION
• DISTRIBUTEUR PRESENTANT DES ELEMENTS PIEZOELECTRIQUES ET PROCEDE DE FONCTIONNEMENT
- (71) AIRCOM MANUFACTURING, INC. [US/US]; 6205 E. 30th Street, Indianapolis, IN 46219 (US).
ELANCO ANIMAL HEALTH, A DIVISION OF ELI LILLY AND COMPANY [US/US]; 500 East 96th Street, Suite 125, Indianapolis, IN 46240-3733 (US).
- (72) TROMPEN, Mick, A.; 1923 Emerald Pines Lane, Westfield, IN 46074 (US).
LYON, Gregory, A.; 8927 Serpent Circle, Indianapolis, IN 46236 (US).
LYON, Ronald, W.; 6586 Pennan Court, Noblesville, IN 46060 (US).
LUBETKIN, Steven, D.; 1135 Park Place, Zionsville, IN 46077 (US).
- (74) FISHMAN, Aaron, A. et al. / etc.; Pearne & Gordon LLP, 1801 East 9th Street, Suite 1200, Cleveland, OH 44114-3108 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61F
- (11) WO 2004/089240 (13) A2
- (21) PCT/US2004/010000
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/460,613 4 Apr/avr 2003 US
(04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ARTIFICIAL DISC PROSTHESIS
• PROTHESE DE DISQUE ARTIFICIEL
- (71) THEKEN DISC, LLC [US/US]; 283 East Waterloo Road, Akron, OH 44319 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAVARRO, Richard, R. [US/US]; 10350 Forestview Drive, Strongsville, OH 44136 (US).
ANANTHAN, Bharadwaj [IN/US]; 367 Power Street, Akron, OH 44311 (US).
THEKEN, Randall, R. [US/US]; 1100 Nola Avenue, Coventry Township, OH 44203 (US).
- (74) EICHENBERGER, Robert; Frost Brown Todd LLC, 120 West Spring Street, Suite 400, New Albany, IN 47150 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (u) for / pour US only / seulement
-
- (51)⁷ A61F
- (11) WO 2004/089241 (13) A2
- (21) PCT/US2004/010192
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 10/407,855 4 Apr/avr 2003 US
(04.04.2003)
- (30) 10/619,892 15 Jul/juil 2003 US
(15.07.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • IMPROVED TAMPON APPLICATOR ASSEMBLY
• ENSEMBLE APPLICATEUR POUR TAMPON AMELIORE
- (71) PLAYTEX PRODUCTS, INC. [—/US]; 300 Nyala Farms Road, Westport, CT 06880 (US).

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

(72) LEMAY, Jessica, Elizabeth; 235 E. 95th Street, Apt. 4M, New York, NY 10128 (US). EDGETT, Keith; 95 Willow Grove Mill Drive, Middletown, DE 19709 (US). JARMON, George, S.; 1004 Quail Run, Camden/Wyoming, DE 19934 (US). BENNETT, Kathryn; 103 Flora Boulevard, Fairfield, CT 06430 (US).

(74) RUGGIERO, Charles, N. J.; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., One Landmark Square, 10th Floor, Stamford, CT 06901 (US).

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

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

(51)⁷ A61F

(11) WO 2004/089242 (13) A2

(21) PCT/US2004/010194

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/407,159 4 Apr/avr 2003 US (04.04.2003)

(30) 10/619,677 15 Jul/juil 2003 US (15.07.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A BARREL FOR A TAMPON APPLICATOR ASSEMBLY AND METHODS OF FORMING

• TUBE POUR UN ASSEMBLAGE D'APPLICATEUR DE TAMPON ET SES METHODES DE FORMATION

(71) PLAYTEX PRODUCTS, INC. [US/US]; 300 Nyala Farms Road, Westport, CT 06880 (US).

(72) LEMAY, Jessica, Elizabeth; 235 E. 95th Street, Apt. 4M, New York, NY 10128 (US). EDGETT, Keith; 95 Willow Grove Mill Drive, Middletown, DE 19709 (US). MELVIN, Wayne, David; 3404 Berrytown Road, Felton, DE 19943 (US). BENNETT, Kathryn; 103 Flora Boulevard, Fairfield, CT 06430 (US).

(74) RUGGIERO, Charles, N., J.; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., One Landmark Square, 10th Floor, Stamford, CT 06901 (US).

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

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

(51)⁷ A61F

(11) WO 2004/089243 (13) A2

(21) PCT/US2004/010226

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/407,861 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TAMPON APPLICATOR ASSEMBLY HAVING AN IMPROVED PLUNGER AND METHODS OF MAKING

• ENSEMBLE APPLICATEUR DE TAMPON COMPORTANT UN APPLICATEUR AMELIORE ET PROCEDES DE FABRICATION

(71) PLAYTEX PRODUCTS, INC. [US/US]; 300 Nyala Farms Road, Westport, CT 06880 (US).

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

(72, 75) LEMAY, Jessica, Elizabeth [US/US]; 235 E. 95th Street, Apt. 4M, New York, NY 10128 (US). EDGETT, Keith, J. [US/US]; 95 Willow Grove Mill Drive, Middletown, DE 19709 (US). BENNETT, Kathryn, G. [US/US]; 103 Flora Boulevard, Fairfield, CT 06430 (US). MELVIN, Wayne, David [US/US]; 3404 Berrytown Road, Felton, DE 19943 (US).

(74) RUGGIERO, Charles, N., J.; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., One Landmark Square, 10th Floor, Stamford, CT 06901 (US).

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

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

(51)⁷ A61F

(11) WO 2004/089244 (13) A2

(21) PCT/US2004/010277

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/406,895 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DYNAMIC FIXATION DEVICE AND METHOD OF USE

• DISPOSITIF DE FIXATION DYNAMIQUE ET SON PROCEDE D'UTILISATION

(71, 72) RITLAND, Stephen [US/US]; 1150 N. San Francisco Street, Flagstaff, AZ 86001 (US).

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

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

(51)⁷ A61F

(11) WO 2004/089245 (13) A2

(21) PCT/US2004/010319

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,616 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BONE ANCHOR

• ELEMENT D'ANCRAGE OSSEUX

(71) THEKEN SURGICAL, LLC [US/US]; 283 East Waterloo Road, Akron, OH 44319 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MUELLER, Richard [US/US]; 887 Elmwood Drive, Macedonia, OH 44056 (US).

(74) EICHENBERGER, Robert; Frost Brown Todd LLC, 120 West Spring Street, Suite 400, New Albany, IN 47150 (US).

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

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

Declarations / Déclarations :

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

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

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

(u) for / pour US only / seulement

(51)⁷ A61F 2/00

(11) WO 2004/089246 (13) A2

(21) PCT/US2004/009762

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/404,233 1 Apr/avr 2003 US
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HEART VALVE PROSTHESIS

• PROTHESE VALVE CARDIAQUE

(71) MEDTRONIC, INC. [US/US]; MS LC340,
710 Medtronic Parkway, Minneapolis, Min-
nesota 55432 (US).

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

(72, 75) SHU, Mark, C.S. [US/US]; 33 Feldspar
Way, Rancho Santa Margarita, California
92688 (US).

(74) LATHAM, Daniel, W. et al. / etc.; MS
LC340, 710 Medtronic Parkway, Minneap-
olis, Minnesota 55432 (US).

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

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

Declaration / Déclaration :

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

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

(51)⁷ A61F 2/06

(11) WO 2004/089247 (13) A1

(21) PCT/EP2004/003630

(22) 5 Apr/avr 2004 (05.04.2004)

(25) de (26) de

(30) 103 17 241.6 10 Apr/avr 2003 DE
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • STENT

• STENT

(71) BIOTRONIK GMBH & CO. KG [DE/DE];
Woermannkehe 1, 12359 Berlin (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MOMMA, Carsten [DE/DE];
St.-Georg-Strasse 33, 18055 Rostock (DE).
BECHER, Bärbel [DE/DE]; Kabutzhof
26, 18057 Rostock (DE).

(74) EISENFÜHR, SPEISER & PARTNER;
Anna-Louisa-Karsch-Strasse 2, 10178 Berlin
(DE).

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

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

Published / Publiée : (c)

Declaration / Déclaration :

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

(51)⁷ A61F 2/06, A61B 17/11

(11) WO 2004/089248 (13) A2

(21) PCT/IL2004/000293

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 155305 9 Apr/avr 2003 IL
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • STENT FOR USE IN MAMMALIAN
ANASTOMOSIS AND METHOD AND
SYSTEM FOR IMPLANTING SAID
STENT

• STENT POUR ANASTOMOSE CHEZ
UN MAMMIFERE; METHODE ET SYS-
TEME D'IMPLANTATION

(71) GILER LTD. [IL/IL]; 35 Sheshet Hayamim
Street, Binyamina, 30500 (IL).

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

(72, 75) ERLICH, Nachum [IL/IL]; 2 Men-
achem Begin Blvd., Ra'anana, 43722 (IL).
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(74) REINHOLD COHN AND PARTNERS;
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

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

(51)⁷ A61F 2/06

(11) WO 2004/089249 (13) A1

(21) PCT/US2004/010445

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,291 3 Apr/avr 2003 US
(03.04.2003)

(30) 60/510,244 10 Oct/oct 2003 US
(10.10.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BRANCH STENT GRAFT DEPLOY-
MENT AND METHOD

• SYSTEME ET PROCEDE DE DEPLOIE-
MENT D'UN GREFFON SOUS FORME
DE STENT RAMFIE

(71) WILLIAM A. COOK AUSTRALIA PTY.
LTD. [AU/AU]; 12 Electronics Street, Bris-
bane Technology Park, Eight Mile Plains,
QLD 4113 (AU). WILLIAM COOK EU-
ROPE ApS [DK/DK]; Sandet 6, DK-4632
Bjæverskov (DK). COOK INCORPO-
RATED [US/US]; 750 North Daniel's Way,
P.O. Box 489, Bloomington, IN 47402-0489
(US).

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

(72, 75) HARTLEY, David, Ernest [AU/AU];
2 View Street, Subiaco, WA (AU).
LAWRENCE-BROWN, Michael [AU/AU];
36 Shann Street, Floreat, W.A. 6014 (AU).
STELTER, Wolfe [DE/DE]; Talstrasse
1, 65812 Bad Soden (DE). IVANCEV,
Krasnodar [SE/SE]; Bredg. 9 B, S-222 21
Lund (SE). VERHOEVEN, Eric [NL/NL];
Martinikerhof 6, 9712 JG Groningen (NL).

(74) GODLEWSKI, Richard, J.; P.O. Box 2269,
Bloomington, IN 4740-2269 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH

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

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

Published / Publiée : (c)

(51)⁷ A61F 2/06

(11) WO 2004/089250 (13) A1

(21) PCT/US2004/009790

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 60/459,385 30 Mar/mar 2003 US
(30.03.2003)

(30) 60/459,560 30 Mar/mar 2003 US
(30.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • APPARATUS AND METHODS FOR
VALVE REPAIR

- APPAREIL ET PROCEDES DE RE-
PARATION DE VALVULES CAR-
DIAQUES

(71, 72) REALY VASQUEZ, Fidel [US/US];
22690 Bridlewood, Palo Cedro, CA 96073
(US).

(72, 75) SCHALLER, Laurent [CH/US]; 595
Benvenue Avenue, Los Altos, CA 94024
(US).

(74) TUNG, Hao, Y.; Heller Ehrman White
& McAuliffe LLP, 275 Middlefield Road,
Menlo Park, CA 94025-3506 (US).

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

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

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(51)⁷ A61F 2/16

(11) WO 2004/089251 (13) A2

(21) PCT/FR2004/000767

(22) 26 Mar/mar 2004 (26.03.2004)

(25) fr (26) fr

(30) 03/04019 1 Apr/avr 2003 FR
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • INTRAOCULAR LENS AND INJEC-
TOR FOR THE SAME

• LENTILLE INTRAOCULAIRE ET SON
INJECTEUR

(71) LABORATOIRE DE CONTACTOLO-
GIE APPLIQUEE - LCA [FR/FR]; 9, allée
Prométhée, Z.I. Les Propylées, F-28000
Chartres (FR).

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

(72, 75) VINCENT, Patrice [FR/FR]; 8, rue Chi-
may, F-28130 Mevoisins (FR).

(74) CAPRI; 33, rue de Naples, F-75008 Paris
(FR).

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

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

(51)⁷ A61F 2/16

(11) WO 2004/089252 (13) A2

(21) PCT/US2004/009737

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/403,985 31 Mar/mar 2003 US
(31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ASPHERIC INTRAOCULAR LENS

• LENTILLES INTRAOCULAIRES AS-
PHERIQUES

(71) BAUSCH & LOMB INCORPORATED
[US/US]; One Bausch & Lomb Place,
Rochester, NY 14604 (US).

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

(72, 75) GERAGHTY, Edward [US/US]; 30 El
Morro, Rancho Santa Marguerita, CA 92688
(US). HOFFMAN, M, Laurent [FR/FR];
Chez M et Mme Hoffman, 14, rue de Saint
Ylie, F-39100 Fouchers (FR). NGUYEN,
Tuan, Anh [US/US]; 2418 East Karan Lane,
Orange, CA 92869 (US).

(74) MCGUIRE, Katherine et al. / etc.; Bausch
& Lomb Incorporated, One Bausch & Lomb
Place, Rochester, NY 14604 (US).

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

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

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

Declaration / Déclaration :

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

(51)⁷ A61F 2/24

(11) WO 2004/089253 (13) A1

(21) PCT/US2004/009971

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,475 1 Apr/avr 2003 US
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PERCUTANEOUSLY DEPLOYED VAS-
CULAR VALVES

• VALVES VASCULAIRES DEPLOYEES
PAR VOIE PERCUTANEE

(71) COOK INCORPORATED; 925 South
Curry Pike, P.O. Box 489, Bloomington, IN
47402 (US).

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

(72, 75) CASE, Brian, C. [US/US]; 841 Rose-
wood Drive, Bloomington, IN 47404 (US).
AGNEW, Charles, W. [US/US]; 30 Stuben
Court, West Lafayette, IN 47906 (US). FLA-
GLE, Jacob, A. [US/US]; 2200 E. 7th Street,
Bloomington, IN 47408 (US).

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

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

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

(51)⁷ A61F 2/28

(11) WO 2004/089254 (13) A1

(21) PCT/JP2004/004637

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-098031 1 Apr/avr 2003 JP
(01.04.2003)

- (30) 2003-098032 **1 Apr/avr 2003** JP
(01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MATERIAL FOR REPAIRING BIOLOGICAL TISSUES AND PROCESS FOR PRODUCING THE SAME
• MATERIAU SERVANT A REPARER DES TISSUS BIOLOGIQUES ET PROCEDE DE PRODUCTION DUDIT MATERIAU
- (71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo, 1510072 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAKAMATSUKA, Yasuharu [JP/JP]; 2-13-603, Azumacho 3-chome, Akishima-shi, Tokyo, 1960033 (JP). TAKAMIYA, Yuji [JP/JP]; 2-5-201, Shinoharakitamachi 4-chome, Nada-ku, Kobe-shi, Hyogo, 6570068 (JP). SADAMORI, Katsuya [JP/JP]; 421-18, Arai, Himo-shi, Tokyo, 1910022 (JP).
- (74) UEDA, Kunio et al. / etc.; Mitsubishi-juko Yokohama Bldg., 24F, 3-1 Minatomirai 3-chome Nishi-ku, Yokohama-shi, Kanagawa 2200012 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61F 2/42, A61B 17/86, 17/84
(11) WO 2004/089255 (13) A1
(21) PCT/CH2003/000236
(22) 10 Apr/avr 2003 (10.04.2003)
(25) de (26) de
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DEVICE FOR THE TEMPORARY SPLINTING OF TOES
• DISPOSITIF POUR ECLISSER TEMPORAIREMENT DES ORTEILS
- (71) SYNTHES AG CHUR [CH/CH]; Grabenstrasse 15, 7002 Chur (CH).
(for all designated States except / pour tous les États désignés sauf CA US)
- (71) SYNTHES (U.S.A.) P.O. Box 1766 [US/US]; 1690 Russell Road, Paoli, A 19301-1222 (US).
(only for / seulement pour CA)
- (72, 75) KLAUE, Kaj [CH/CH]; Via Maraini 114, CH-6942 Savosa (CH). ZWIPP, Hans [DE/DE]; Robert-Diez-Strasse 10, 01326 Dresden (DE). CRONIER, Patrick [FR/FR]; 44 Rue des champs St. Martin, F-49000 Angers (FR). SANDS, Andrew, K. [US/US]; P.O. Box 7136, Amagansett, NY 11930-7136 (US).
- (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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61F 2/44
(11) WO 2004/089257 (13) A1
(21) PCT/CH2003/000247
(22) 14 Apr/avr 2003 (14.04.2003)
(25) de (26) de
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • INTERVERTEBRAL IMPLANT
• IMPLANT INTERVERTEBRAL
- (71) MATHYS MEDIZINALTECHNIK AG [CH/CH]; Güterstrasse 5, CH-2544 Bettlach (CH).
- (72, 75) BAUMGARTNER, Daniel [CH/CH]; Weingartenweg 52, CH-4702 Oensingen (CH). WYMANN, Martin [CH/CH]; Rosenweg 13, CH-3097 Liebefeld (CH). GAGO HO, Mario [PE/CH]; Schöngrünstrasse 38A PH1, CH-4500 Solothurn (CH). BURRI, Adrian [CH/CH]; Juonweg 1, CH-3900 Brig (CH).
- (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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (a)
- (51)⁷ A61F 2/44, A61B 17/16
(11) WO 2004/089258 (13) A1
(21) PCT/EP2004/001029
(22) 4 Feb/fév 2004 (04.02.2004)
(25) de (26) de
(30) 03008127.7 **7 Apr/avr 2003** EP
(07.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROSTHETIC JOINT OF CERVICAL INTERVERTEBRAL FOR A CERVICAL SPINE
• PROTHESE ARTICULAIRE INTERVERTEBRALE POUR LA COLONNE CERVICALE
- (71) CERVITECH, INC. [US/US]; 300 Roundhill Drive, Rockaway, NJ 07866 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINK, Helmut, D. [DE/DE]; Wildstieg 14, 22397 Hamburg (DE). KELLER, Arnold [DE/DE]; An der Naherfurth 5, 23863 Kayhude (DE). MCAFEE, Paul, C. [US/US]; Scoliosis and Spine Center, 7505 Osler Drive, Suite 104, Baltimore, MD 21204 (US).
- (74) GLAWE, DELFS, MOLL; Rothenbaumchaussee 58, 20148 Hamburg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (a)

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

Declarations / Déclarations :

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

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

(u) for / pour US only / seulement

(51)⁷ A61F 2/44

(11) WO 2004/089259 (13) A1

(21) PCT/EP2004/001498

(22) 17 Feb/fév 2004 (17.02.2004)

(25) de (26) de

(30) 03008127.7 7 Apr/avr 2003 EP
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROSTHETIC JOINT OF CERVICAL INTERVERTEBRAL DISCS
• PROTHESE ARTICULAIRE DE DISQUE INTERVERTEBRAL CERVICAL

(71) CERVITECH, INC. [US/US]; 300 Round-hill Drive, Rockaway, NJ 07866 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LINK, Helmut, D. [DE/DE]; Wildstieg 14, 22397 Hamburg (DE). KELLER, Arnold [DE/DE]; An der Naherfurth 5, 23863 Kayhude (DE). MCAFEE, Paul, C. [US/US]; Scoliosis and Spine Center, 7505 Osler Drive, Suite 104, Baltimore, MD 21204 (US).

(74) GLAWE, DELFS, MOLL; Patent- und Rechtsanwälte, Rothenbaumchaussee 58, 20148 Hamburg (DE).

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

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

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

Declarations / Déclarations :

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

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

(u) for / pour US only / seulement

(51)⁷ A61F 2/44, 2/46

(11) WO 2004/089260 (13) A1

(21) PCT/US2004/009748

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/407,010 3 Apr/avr 2003 US
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • APPARATUS AND METHOD FOR SUPPORTING VERTEBRAL BODIES
• DISPOSITIF ET METHODE POUR SOUTENIR DES CORPS DE VERTEBRES

(71) SDGI HOLDINGS, INC. [US/US]; 300 Delaware Avenue Suite 508, Wilmington, Delaware 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEARS, William, M.D. [AU/AU]; 24 Springdale Road, Killara, New South Wales 2071 (AU). BARKER, B. thompson [US/US]; 7460 Dorrington Cove, Memphis, Tennessee 38133-2612 (US).

(74) REVIS, Paul, A. et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, Minnesota 55432 (US).

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

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

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

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(51)⁷ A61F 2/60, 2/80

(11) WO 2004/089261 (13) A1

(21) PCT/US2004/010269

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/405,757 1 Apr/avr 2003 US
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SURE-FIT PROSTHETIC ANCHORING SYSTEM

• SYSTEME D'ANCRAGE DE PROTHESE A FIXATION FIABLE

(71, 72) MANTELMACHER, Lee, H. [US/US]; 3704 Ashley Way, Owings Mills, MD 21117 (US).

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

(74) CRAIG, Royal, W.; Law Offices of Royal W. Craig, 10 N. Calvert Street, Suite 153, Baltimore, MD 21202 (US).

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

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

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Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ A61F 5/00

(11) WO 2004/089262 (13) A2

(21) PCT/FR2004/000810

(22) 31 Mar/mar 2004 (31.03.2004)

(25) fr (26) fr

(30) 03/03948 31 Mar/mar 2003 FR
(31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • INTRAGASTRIC BALLOON COATED WITH PARYLENE, METHOD FOR PRODUCTION OF SUCH A BALLOON AND USE OF PARYLENE FOR COATING AN INTRAGASTRIC BALLOON

• BALLON INTRA-GASTRIQUE EN-DUIT DE PARYLENE, PROCEDE DE FABRICATION D'UN TEL BALLON ET UTILISATION DE PARYLENE POUR REVETIR UN BALLON INTRA-GASTRIQUE

(71) COMPAGNIE EUROPEENNE D'ETUDE ET DE RECHERCHE DE DISPOSITIFS POUR L'IMPLANTATION PAR LAPAROSCOPIE [FR/FR]; Rue des Frères Lunière, Z.A. du Château de Malissol, F-38200 Vienne (FR).

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

(72, 75) PAPANON, Pascal [FR/FR]; 48 rue du Marais, F-69100 Villeurbanne (FR).

(74) MARTIN, Didier; Cabinet Didier Martin, 50 Chemin des Verrières, F-69260 Charbonnières les Bains (FR).

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

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

(51)⁷ A61F 5/01, 13/08

(11) WO 2004/089263 (13) A1

(21) PCT/GB2004/001621

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 0308607.1 14 Apr/avr 2003 GB (14.04.2003)

(30) 0309826.6 29 Apr/avr 2003 GB (29.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ANKLE-FOOT ORTHOSIS
• ORTHESE PEDI-JAMBIERE

(71, 72) WATTS, Robert, John [GB/GB]; Venards Cottage, North Gorley, Fordingbridge, Hampshire SP6 2PJ (GB).

(74) MILHENCH, Mark, Lorne et al. / etc.; R G C Jenkins & Co, 26 Caxton Street, London SW1H 0RJ (GB).

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

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

(51)⁷ A61F 13/00

(11) WO 2004/089264 (13) A2

(21) PCT/EP2004/003871

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 103 16 234.8 9 Apr/avr 2003 DE (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TAMPON, IN PARTICULAR FOR FEMININE HYGIENE

• TAMPON, EN PARTICULIER POUR L'HYGIENE FEMININE

(71) JOHNSON & JOHNSON GMBH [DE/DE]; Kaiserwerther Strasse 270, 40474 Düsseldorf (DE).

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

(72, 75) KRÄMER, Robert [DE/DE]; Archimedesstr. 36, 51065 Köln (DE).

(74) GROENING, Hans, W. et al. / etc.; Boehmert & Boehmert, Pettenkofferstrasse 20-22, 80336 München (DE).

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

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

(51)⁷ A61F 13/02

(11) WO 2004/089265 (13) A2

(21) PCT/GB2004/001570

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 0308311.0 10 Apr/avr 2003 GB (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • WOUND DRESSING
• PANSEMENT DE PLAIES

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; 345 Park Avenue, New York, NY 10154 (US).

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

(72, 75) LINNANE, Patrick, Gerard [GB/GB]; 28 Salisbury Street, Chester, Cheshire, CH1 4BU (GB). SHAW, Helen, Louise [GB/GB]; 3 Upton Rocks Mews, Widnes, Cheshire WA8 9DD (GB).

(74) MAYS, Julie; Barker Brettell, 10-12 Priests Bridge, London SW15 5JE (GB).

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

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

(51)⁷ A61F 13/82, 13/10

(11) WO 2004/089266 (13) A1

(21) PCT/EP2004/003908

(22) 14 Apr/avr 2004 (14.04.2004)

(25) de (26) de

(30) 103 18 307.8 14 Apr/avr 2003 DE (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SANITARY ARTICLE
• ARTICLE D'HYGIENE

(71, 72) UPHOFF, Fritz [DE/DE]; An der Kaiserburg 21, 40629 Düsseldorf (DE).

(74) RUFF, WILHELM, BEIER, DAUSTER & PARTNER; Postfach 10 40 36, 70035 Stuttgart (DE).

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

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

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(51)⁷ A61F 105/00, 13/539, 13/515, D06M 17/10, A61F 5/48

(11) WO 2004/089267 (13) A1

(21) PCT/NL2004/000221

(22) 2 Apr/avr 2004 (02.04.2004)

(25) nl (26) en

(30) 1023144 10 Apr/avr 2003 NL (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • WASHABLE UNDERPAD AND METHOD FOR PRODUCING AN UNDERPAD OF THIS TYPE
• PROTEGE-DRAP LAVABLE ET PROCEDE DE PRODUCTION DE CELUI-CI

(71) GOYARTS B.V. [NL/NL]; Hertog Hendriklaan, NL-5062 CJ Oisterwijk (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOYARTS, Gregorius, Maria, Hubertus [NL/NL]; Hertog Hendriklaan 6, NL-5062 CJ Oisterwijk (NL).

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

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61G
 (11) WO 2004/089268 (13) A2
 (21) PCT/US2004/009771
 (22) 31 Mar/mar 2004 (31.03.2004)
 (25) en (26) en
 (30) 10/403,998 31 Mar/mar 2003 US (31.03.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • CENTER-OF-GRAVITY TILT-IN-SPACE WHEELCHAIR
 • FAUTEUIL ROULANT INCLINABLE DANS L'ESPACE SELON LE CENTRE DE GRAVITE
 (71) SUNRISE MEDICAL HHG INC. [US/US]; 7477 East Dry Creek Parkway, Longmont, CO 80503 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) BERNATSKY, Todd [US/US]; 503 N. Bermond street, Lafayette, CO 80026 (US). SCHREIBER, Philip [US/US]; 2612 E. 11th Avenue, Denver, CO 80206 (US). WHELAN, Tom [US/US]; 2121 Summitview Drive, Longmont, CO 80504 (US). HANSON, Wayne [US/US]; 7175 Sypes Canyon Road, Bozeman, MT 59715 (US). LINDQUIST, Steven, L. [US/US]; 13347 W. 70th Place, Arvada, CO 80004 (US). HOUTART, Jerry [US/US]; 2800 Pike Road, Apt. 4304, Longmont, CO 80503 (US). SCHNEIDER, Richard [US/US]; 1909 W. 24th Street, Loveland, CO 80538 (US). KILLEBREW, Allen, B. [US/US]; 3800 Pike Rd. #5-101, Longmont CO 80503 (US). NORDQUIST, Mike [US/US]; 803 Allen Drive, Longmont, CO 80503 (US).
 (74) HITAFFER, Thedford, I.; MacMillan, Sobanski & Todd, LLC, One Maritime Plaza, Fourth Floor, 720 Water Street, Toledo, OH 43604 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61G
 (11) WO 2004/089269 (13) A2
 (21) PCT/US2004/009879
 (22) 30 Mar/mar 2004 (30.03.2004)
 (25) en (26) en
- (30) 10/403,558 31 Mar/mar 2003 US (31.03.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • SEATING ASSEMBLY FOR WHEEL-CHAIRS AND STROLLERS
 • ENSEMBLE SIEGE POUR FAUTEUIL ROULANT ET POUSETTE
 (71) SUNRISE MEDICAL HHG INC. [US/US]; 7477 East Dry Creek Parkway, Longmont, CO 80503 (US).
 (72, 75) HANSON, Wayne, H. [US/US]; 7175 Sypes Canyon Road, Bozeman, MT 59715 (US). PHELPS, William, B. [US/US]; P.O. Box 6397, Bozeman, MT 59771 (US). SANFORD, Stephen, M. [US/US]; 3401 Ravalli Street, Bozeman, MT 59718-1918 (US).
 (74) GILLESPIE, Ted, C.; Macmillan, Sobanski & Todd, LLC, 4th floor, One Maritime Plaza, 720 Water Street, Toledo, OH 43604 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61G 7/00
 (11) WO 2004/089270 (13) A1
 (21) PCT/US2003/039977
 (22) 8 Dec/déc 2003 (08.12.2003)
 (25) en (26) en
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • AUTOMATIC PATIENT TURNER
 • DISPOSITIF POUR TOURNER AUTOMATIQUEMENT UN PATIENT
 (71, 72) BEN-LEVI, Michael [US/US]; 104 South Hayworth Avenue, #202, Los Angeles, CA 90048 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c), (f)
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- (51)⁷ A61H
 (11) WO 2004/089271 (13) A2
 (21) PCT/US2004/010030
 (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (25) en (26) en
 (30) 10/405,782 1 Apr/avr 2003 US (01.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • ENHANCED BREATHING DEVICE
 • DISPOSITIF DE RESPIRATION AME-LIORE
 (71, 72) MILLER, Chipp, St., Kevin [US/US]; 17765 Camino de Yatasto, Pacific Palisades, CA 90272 (US).
 (74) WARFFORD, Rodney, V.; Christie, Parker & Hale, P.O. Box 7068, Pasadena, CA 91109-7068 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61H 33/06
 (11) WO 2004/089272 (13) A1
 (21) PCT/RU2003/000145
 (22) 9 Apr/avr 2003 (09.04.2003)
 (25) ru (26) ru
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • INFRARED MIRROR SAUNA
 • SAUNA INFRAROUGE A MIROIRS
 (71, 72) BOYKO, Igor Vladimirovich [RU/RU]; Michurinsky pr-t, 19-3-110, Moscow, 117607 (RU).
 (74) PATENT LAW FIRM "YUS"; P.O. Box 184, Moscow, 125009 (RU).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61J 1/00
 (11) WO 2004/089273 (13) A1
 (21) PCT/JP2003/004490
 (22) 9 Apr/avr 2003 (09.04.2003)
 (25) ja (26) ja

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CHEMICAL SOLUTION KIT
- TROUSSE POUR SOLUTION CHI-MIQUE
- (71, 72) KIRIGAYA, Yoichi [JP/JP]; 4-8-6, Numama, Zushi-shi, Kanagawa 249-0004 (JP).
- (74) ONO, Nobuo; Mitobe Bldg. 4F, 1-13-1, Kandaizumi-cho, Chiyoda-ku, Tokyo 101-0024 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61J 1/03
- (11) WO 2004/089274 (13) A1
- (21) PCT/BR2004/000047
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) MU 8300543-9 9 Apr/avr 2003 BR (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DRUG PACKAGING, OR KIT, OR PRESENTATION FACILITATING SELF ADMINISTRATION OF DRUGS BY PATIENTS
- CONDITIONNEMENT DE MEDICAMENTS OU KIT, OU PRESENTATION FACILITANT L'AUTO-ADMINISTRATION DE MEDICAMENTS PAR LES PATIENTS
- (71) MEDLEY S.A. INDÚSTRIA FARMACÊUTICA [BR/BR]; Rua Macedo Costa 55, JD. Santa Genebra, 13080-180 Campinas - SP (BR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUNARI NEGRÃO, Alexandre [BR/BR]; Al. Das. Jaqueiras, 1380, Cond., Alto da Nova Campinas, 13101-790 Campinas - SP (BR).
- (74) STAMPINI, Vicente de Paula et al. / etc.; Rua Napoleão de Barros, 298, Vila Mariana, 04024-000 São Paulo - SP (BR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 2004/089276 (13) A2
- (21) PCT/BR2004/000053
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) PI 0300997-1 10 Apr/avr 2003 BR (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • THIAZOLIDINEDIONE COMPOUNDS WITH HYPOGLYCEMIC PROPERTIES
- COMPOSES DE THIAZOLIDINE POSSEDANT DES PROPRIETES HYPOGLYCEMIQUES
- (71) CONSELHO NACIONAL DE DESENVOLVIMENTO CIENTÍFICO E TECNOLÓGICO - CNPQ [BR/BR]; Avenida W 3 Norte, SEPN, Quadra 507, B, Edif. CNPq, Brasília - DF 70740-901 (BR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DA ROCHA PITTA, Ivan [BR/BR]; Avenida Boa Viagem, 5554, Apto 202, Recife - PE 51030-000 (BR). ALVES DE LIMA, Maria Do Carmo [BR/BR]; Rua Beta, n°55, Sucupira, Jaboatão dos Guararapes - PE 54290-421 (BR). LINS GALDINO, Suely [BR/BR]; Avenida Boa Viagem, 5554, Apto 202, Bairro de Boa Viagem, Recife - PE 51030-000 (BR). BARBE, Jacques [FR/FR]; 106, Traverse des Fabres, F-13011 Marseille (FR).
- (74) EURY PEREIRA, Luna, filho; Avenida W 3 Norte, SEPN, Quadra 507, B, Edif. CNPq, Brasília - DF 70740-901 (BR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 2004/089277 (13) A2
- (21) PCT/EP2004/050350
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) en (26) en
- (30) 03100991.3 11 Apr/avr 2003 EP (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FUSED OXABICYCLIC AMINOALCOHOLS AS NEW SCAFFOLDS FOR COMBINATORIAL LIBRARIES
- AMINOALCOOLS OXABICYCLIC-FUSIONNES COMME NOUVELLES STRUCTURES D'ECHAFAUDAGE POUR BIBLIOTHEQUES COMBINATOIRES
- (71) PHARMACIA ITALIA S.p.A. [IT/IT]; Via R. Koch 1.2, I-20152 Milan (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NICOTRA, Francesco [IT/IT]; Viale Umbria 45, I-20135 MILAN (IT). GENNARI, Cesare [IT/IT]; Via A. Lamarmora 3, I-20122 MILAN (IT). PERI, Francesco [IT/IT]; Via G. Piranesi 7, I-20137 MILAN (IT). CERVI, Giovanni [IT/IT]; Via Cavallotti 4, I-22100 COMO (IT). BATTISTINI, Carlo [IT/IT]; Via G. Verga 1, I-20026 NOVATE MILANESE (Milan) (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

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

(51)⁷ A61K

(11) WO 2004/089278 (13) A2

(21) PCT/HU2004/000033

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) P 0300932 9 Apr/avr 2003 HU
(09.04.2003)

(30) P 0400576 10 Mar/mar 2004 HU
(10.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SEXUAL HYGIENIC COMPOSITION
• COMPOSITION D'HYGIENE
SEXUELLE

(71, 72) DOLHAY, Balázs [HU/HU]; Domszáló
u 18, H-1037 Budapest (HU).

(74) BOKOR, Tamás; S.B.G. & K. Patent Office
and Law Offices, Andrassy út 113., H-1062
Budapest (HU).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 2004/089279 (13) A2

(21) PCT/IL2004/000320

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 60/460,820 8 Apr/avr 2003 US
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LONG-ACTING DERIVATIVES OF
PYY AGONISTS
• DERIVES D'AGONISTES PYY A AC-
TION PROLONGEE

(71) YEDA RESEARCH AND DEVELOP-
MENT CO. LTD. [IL/IL]; at the Weizmann
Institute of Science, P.O. BOX 95, 76100
Rehovot (IL).

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les États désignés sauf US)

(72, 75) RUBINSTEIN, Menachem [IL/IL];
1 Hohit Street, 76329 Rehovot (IL).
SHECHTER, Yoram [IL/IL]; 51/5 Hanasi
Harishon Street, 76303 Rehovot (IL). FRID-
KIN, Matityahu [IL/IL]; 23 Miller Street,
76284 Rehovot (IL).

(74) BEN-AMI, Paulina; Ben-Ami & Asso-
ciates, P.O. Box 94, 76100 Rehovot (IL).

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

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

(51)⁷ A61K

(11) WO 2004/089280 (13) A2

(21) PCT/IL2004/000321

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 60/460,816 8 Apr/avr 2003 US
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • REVERSIBLE PEGYLATED DRUGS
• MEDICAMENTS PEGYLES REVER-
SIBLES

(71) YEDA RESEARCH AND DEVELOP-
MENT CO. LTD. [IL/IL]; at the Weizmann
Institute of Science, P.O. BOX 95, 76100
Rehovot (IL).

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

(72, 75) SHECHTER, Yoram [IL/IL]; 51/5
Hanasi Harishon Street, 76303 Rehovot (IL).
FRIDKIN, Matityahu [IL/IL]; 23 Miller
Street, 76284 Rehovot (IL). TSUBERY,
Haim [IL/IL]; 28 Nissim Gaon Street, 48900
Elad (IL).

(74) BEN-AMI, Paulina; Ben-Ami & Asso-
ciates, P.O. BOX 94, 76100 Rehovot (IL).

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

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

(51)⁷ A61K

(11) WO 2004/089281 (13) A2

(21) PCT/IN2003/000149

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NOVEL POLYMORPHS OF TOLTERO-
DINE TARTRATE

• NOUVEAUX CORPS POLYMORPHES
DE TARTRATE DE TOLTERODINE

(71) HETERO DRUGS LIMITED [IN/IN];
Hetero House, 8-3-166/7/1, Erragadda, Hy-
derabad 500 018, Andhrapradesh (IN).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PARTHASARADHI, Reddy, Bandi
[IN/IN]; Hetero House, 8-3-166/7/1, Erra-
gadda, Hyderabad 500 018, Andhrapradesh
(IN). RATHNAKAR, Reddy, Kura [IN/IN];
Hetero Drugs Limited (R & D), Plot No.
B-80 & 81, A.P.I.E., Balanagar, Hyderabad
500 018, Andhrapradesh (IN). RAJI, Reddy,
Rapolu [IN/IN]; Hetero Drugs Limited (R &
D), Plot No. B-80 & 81, A.P.I.E., Balanagar,
Hyderabad 500 018, Andhrapradesh (IN).
MURALIDHARA, Reddy, Dasari [IN/IN];
Hetero Drugs Limited (R & D), Plot No.
B-80 & 81, A.P.I.E., Balanagar, Hyderabad
500 018, Andhrapradesh (IN). SUBASH
CHANDER, Reddy, Kesireddy [IN/IN];
Hetero Drugs Limited (R & D), Plot No.
B-80 & 81, A.P.I.E., Balanagar, Hyderabad
500 018, Andhrapradesh (IN).

(74) RATHNAKAR, Reddy, Kura; Hetero
Drugs Limited (R & D), Plot No. B-80 &
81, A.P.I.E., Balanagar, Hyderabad 500 018,
Andhrapradesh (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 OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declarations / Déclarations :

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

(51)⁷ A61K

(11) WO 2004/089282 (13) A2

(21) PCT/US2003/025100

(22) 11 Aug/août 2003 (11.08.2003)

(25) en (26) en

(30) 60/402,205 9 Aug/août 2002 US
(09.08.2002)

(30) 60/403,485 13 Aug/août 2002 US
(13.08.2002)

(30) 60/403,398 13 Aug/août 2002 US
(13.08.2002)

(30) 60/403,517 13 Aug/août 2002 US
(13.08.2002)

(30) 60/403,260 **14 Aug/août 2002** US
(14.08.2002)

(30) 60/403,815 **15 Aug/août 2002** US
(15.08.2002)

(30) 60/404,190 **16 Aug/août 2002** US
(16.08.2002)

(30) 60/412,995 **23 Sep/sep 2002** US
(23.09.2002)

(30) 60/414,996 **30 Sep/sep 2002** US
(30.09.2002)

(30) 60/425,563 **12 Nov/nov 2002** US
(12.11.2002)

(30) 10/379,747 **5 Mar/mar 2003** US
(05.03.2003)

(30) 10/637,313 **8 Aug/août 2003** US
(08.08.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS OF USE
• POLYPEPTIDES THERAPEUTIQUES, ACIDES NUCLEIQUES CODANT CES POLYPEPTIDES, ET PROCEDES D'UTILISATION CORRESPONDANTS

(71) CURAGEN CORPORATION [US/US]; 555 Long Wharf Drive, 11th Floor, New Haven, CT 06511 (US).

(72) ANDERSON, David, W.; 59 Hacienda Circle, Plantsville, CT 06479 (US). BOLDOG, Ferenc, L.; 1687 Hartford Turnpike, North Haven, CT 06473 (US). CASMAN, Stacie, J.; 17 Peck Street, North Haven, CT 06473 (US). GUO, Xiaojia; 713 Robert Frost Drive, Branford, CT 06405 (US). KEKUDA, Ramesh; 71 Aiken Street, Unit R3, Norwalk, CT 06851 (US). KHRAMTSOV, Nikolai, V.; 38 Montoya Circle, Branford, CT 06405 (US). LI, Li; 56 Jerimoth Lane, Branford, CT 06405 (US). MALYANKAR, Uriel, M.; 229 Branford Road, Number 330, North Branford, CT 06471 (US). MILLER, Charles, E.; 98 Saddle Hill Drive, Guilford, CT 06437 (US). PADIGARU, Muralidhara; 71 Hampton Park, Branford, CT 06405 (US). PATTURAJAN, Meera; 45 Harrison Avenue, Apartment 1C, Branford, CT 06405 (US). VERNET, Corine, A., M.; 1739 Foxon Road, Apartment L6, North Branford, CT 06471 (US). ZHONG, Mei; 152 Brushy Plain Road, Branford, CT 06405 (US).

(74) ELRIFI, Ivor, R.; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., One Financial Center, Boston, MA 02111 (US).

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

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

(51)⁷ A61K
(11) WO 2004/089283 (13) A2
(21) PCT/US2004/010049
(22) 31 Mar/mar 2004 (31.03.2004)
(25) en (26) en
(30) 60/460,194 **4 Apr/avr 2003** US
(04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • COMPOSITIONS AND METHODS FOR TREATING VIRAL INFECTIONS
• COMPOSITIONS ET TECHNIQUES DE TRAITEMENT D'INFECTIONS VIRALES

(71) INTERMUNE, INC. [US/US]; 3280 Bayshore Boulevard, Brisbane, CA 94010-1317 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLATT, Lawrence, M. [US/US]; 10 Shoreview, San Francisco, CA 94121 (US).

(74) BORDEN, Paula, A.; Bozicevic, Field & Francis LLP, 1900 University Avenue, Suite 200, East Palo Alto, CA 94303 (US).

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

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

(51)⁷ A61K
(11) WO 2004/089284 (13) A2
(21) PCT/US2004/010059
(22) 1 Apr/avr 2004 (01.04.2004)
(25) en (26) en
(30) 60/458,948 **1 Apr/avr 2003** US
(01.04.2003)
(30) 60/489,504 **24 Jul/juil 2003** US
(24.07.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • TARGETS FOR TUMOR GROWTH INHIBITION
• CIBLES POUR L'INHIBITION DE LA CROISSANCE TUMORALE

(71) INTRADIGM CORPORATION [US/US]; Suite K, 12115 Parklawn Drive, Rockville, MD 20852 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LU, Patrick, Y. [US/US]; 17093 Briardale Road, Rockville, MD 20855 (US). XIE, Frank, Y. [CN/US]; 13921 Rockingham Road, Germantown, MD 20874 (US). WOODLE, Martin, C. [US/US]; 8205 Beech Tree Road, Bethesda, MD 20817 (US). LIU, Yijia [CN/US]; 24 Shady Elm Mews, Gaithersburg, MD 20878 (US). TANG, Quinn T. [US/US]; 31 Longmeadow Drive, Gaithersburg, MD 20878 (US). XU,

Jun [CN/US]; 18120 Coachman Road, Germantown, MD 20878 (US).

(74) BOOTH, Paul, M. et al. / etc.; Heller Ehrman White & McAuliffe LLP, Suite 300, 1666 K Street, NW, Washington, DC 20006-1228 (US).

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

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

(51)⁷ A61K
(11) WO 2004/089285 (13) A2
(21) PCT/US2004/010060
(22) 1 Apr/avr 2004 (01.04.2004)
(25) en (26) en
(30) 60/459,977 **4 Apr/avr 2003** US
(04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • PHOSPHODIESTERASE 2A AND METHODS OF USE
• PHOSPHODIESTERASE 2A ET LEURS PROCEDES D'UTILISATION

(71) MEMORY PHARMACEUTICALS CORPORATION [US/US]; 100 Philips Parkway, Montvale, NJ 07645 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WANG, Daguang [US/US]; 109 Nottingham Court, Montvale, NJ 07645 (US). BUGAJ-GAWEDA, Bozena [US/US]; 3635 Johnson Avenue, Apt. #2K, Riverdale, NY 10463 (US).

(74) LEBOVITZ, Richard, M. et al. / etc.; Millen, White, Zelano & Branigan, 2200 Clarendon Blvd., Suite 1400, Arlington, VA 22201 (US).

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

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

(51)⁷ A61K
(11) WO 2004/089286 (13) A2
(21) PCT/US2004/010083
(22) 2 Apr/avr 2004 (02.04.2004)

- (25) en (26) en
- (30) 60/460,838 **4 Apr/avr 2003** US
(04.04.2003)
- (30) 10/817,328 **1 Apr/avr 2004** US
(01.04.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • NOVEL COMPOUNDS AND COMPOSITIONS AS PROTEIN KINASE INHIBITORS
- NOUVEAUX COMPOSES ET COMPOSITIONS UTILISES COMME INHIBITEURS DE LA PROTEINE KINASE
- (71) IRM LLC [US/US]; Sophia House, 48 Church Street, P. O. Box HM 2899, Hamilton, HM LX (BM).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DING, Qiang [CN/US]; 8465 Regents Road, Apt. #264, San Diego, California 92122 (US). SIM, Tae-bo [KR/US]; 12664 Torrey Pines Bluff Drive, #212, San Diego, California 92122 (US). ZHANG, Guobao [CN/US]; 7699 Palmilla Drive, #3306, San Diego, California 92122 (US). ADRIAN, Francisco [ES/US]; 12475 1/2 Carmel Park Drive, San Diego, California 92130 (US). GRAY, Nathanael, S. [US/US]; 8674 Villa La Jolla Drive, Unit 3, San Diego, 5 92037 (US). SCHULTZ, Peter, G. [US/US]; 1650 La Jolla Rancho, La Jolla, 5 92037 (US).
- (74) GARRETT-WACKOWSKI, Eugenia et al. / etc.; Townsend And Townsend And Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, California 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 2004/089287 (13) A2
- (21) PCT/US2004/010086
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/460,267 **4 Apr/avr 2003** US
(04.04.2003)
- (30) 10/806,896 **22 Mar/mar 2004** US
(22.03.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SPRAY DRY COACERVATION SYSTEMS AND METHODS
- SYSTEMES ET PROCEDES DE COACERVATION ET DE SECHAGE PAR PULVERISATION
- (71) GENTERIC INC. [US/US]; 1650 Harbor Bay Parkway, Alameda, CA 94502 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHEU, Eric, Y. [US/US]; 7 Olde Creek Place, Lafayette, CA 94549 (US). LIU, Yadong [CA/US]; 43555 Grimmer Blvd., #C323, Fremont, CA 94538 (US). NIEDZINSKI, Edmund, J. [US/US]; 483 Aberdeen Way, Vacaville, CA 95687 (US).
- (74) GRAY, Gerald, T. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 2004/089288 (13) A2
- (21) PCT/US2004/010088
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/461,022 **4 Apr/avr 2003** US
(04.04.2003)
- (30) 60/496,502 **20 Aug/août 2003** US
(20.08.2003)
- (30) 60/536,341 **13 Jan/jan 2004** US
(13.01.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD OF TREATING LOWER URINARY TRACT DISORDERS
- METHODE DE TRAITEMENT DE TROUBLES DES VOIES URINAIRES INFÉRIEURES
- (71) DYNOGEN PHARMACEUTICALS, INC. [US/US]; 52 Second Avenue, Waltham, MA 02451 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LANDAU, Steven, B. [US/US]; 44 Tanglewood Road, Wellesley, MA 02481 (US). MILLER, Cheryl, L. [US/US]; 39 Florence Street, Natick, MA 01760 (US). FRASER, Matthew, O. [US/US]; 408 Gablefield Lane, Apex, NC 27502 (US).
- (74) WENDLER, Helen, E. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 2004/089290 (13) A2
- (21) PCT/US2004/010164
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 60/459,789 **2 Apr/avr 2003** US
(02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • NOVEL PROBIOTIC COMPOSITIONS AND METHODS OF USING THE SAME
- NOUVELLES COMPOSITIONS PROBIOTIQUES ET LEURS METHODES D'UTILISATION
- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (71) **PHARMACHEM LABORATORIES, INC.** [US/US]; 265 Harrison Avenue, Kearny, NJ 07032 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SKOP, Mitchell** [US/US]; 30 Venus Drive, Closter, NJ 07624 (US). **CHOKSHI, Dilip** [US/US]; 9 Patrician Court, Parsippany, NJ 07054 (US).
- (74) **BARON, Ronald, J.**; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K
(11) **WO 2004/089291** (13) A2
(21) PCT/US2004/010230
(22) **2 Apr/avr 2004 (02.04.2004)**
(25) en (26) en
(30) 60/460,827 **3 Apr/avr 2003** US (03.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **TUMOR-TARGETING DRUG-LOADED PARTICLES**
• **PARTICULES A CHARGE MEDICAMENTEUSE CIBLANT LES TUMEURS**
- (71, 72) **AU, Jessie, L.-S.** [US/US]; 2287 Palmleaf Court, Columbus, OH 43235 (US). **WIENJES, M., Guillaume** [NL/US]; 2287 Palmleaf Court, Columbus, OH 43235 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (74) **MUELLER, Jerry, K., Jr.** et al. / etc.; Mueller and Smith, LPA, 7700 Rivers Edge Drive, Columbus, OH 43235 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K
(11) **WO 2004/089292** (13) A2
(21) PCT/US2004/010244
(22) **2 Apr/avr 2004 (02.04.2004)**
- (25) en (26) en
(30) 60/460,652 **4 Apr/avr 2003** US (04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **IMMUNOMODULATORY AGENTS FOR TREATMENT OF INFLAMMATORY DISEASES**
• **AGENTS IMMUNOMODULATEURS POUR LE TRAITEMENT DE MALADIES INFLAMMATOIRES**
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, Fifth Floor, Oakland, CA 94607-5200 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PALEFSKY, Joel** [CA/US]; 534 Palomar Drive, Redwood City, CA 94062 (US). **SROUSSI, Herve** [US/US]; 1 Mohawk Avenue, Corte Madera, CA 94925 (US).
- (74) **LEKUTIS, Christine, A.** et al. / etc.; Medlen & Carroll, LLP, 101 Howard Street, Suite 350, San Francisco, CA 94105 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K
(11) **WO 2004/089293** (13) A2
(21) PCT/US2004/010250
(22) **1 Apr/avr 2004 (01.04.2004)**
(25) en (26) en
(30) 60/459,826 **1 Apr/avr 2003** US (01.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **HYDROXAMIC ACID COMPOUNDS AND METHODS OF USE THEREOF**
• **COMPOSES ACIDE HYDROXAMIQUE ET TECHNIQUES D'UTILISATION DE CEUX-CI**
- (63) US 60/459,826 (CON)
1 Apr/avr 2003 (01.04.2003)
- (71) **MEMORIAL SLOAN-KETTERING CANCER CENTER** [US/US]; 1275 York Avenue, New York, NY 10021 (US). **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; West 116th Street and Broadway, New York, NY 10027 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRESLOW, Ronald** [US/US]; 275 Broad Avenue, Englewood, NJ 07631 (US). **MILLER, Thomas, A.** [US/US]; 517 W. 113th Street, #82, New York, NY 10025 (US). **BELVEDERE, Sandro** [US/US]; Apt. 16G, 201 West 74th Street, New York, NY 10023 (US). **MARKS, Paul, A.** [US/US]; 7 Rossiter Road, Washington, CT 06793 (US). **RICHON, Victoria, M.** [US/US]; 184 Highland Road, Rye, NY 10580 (US). **RIFKIND, Richard, A.** [US/US]; 425 E. 58th Street, Apt. 48A, New York, NY 10022 (US).
- (74) **ELRIFI, Ivor, R.**; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P., C., 666 Third Avenue, New York, NY 10017 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K
(11) **WO 2004/089294** (13) A2
(21) PCT/US2004/010278
(22) **2 Apr/avr 2004 (02.04.2004)**
(25) en (26) en
(30) 60/460,678 **4 Apr/avr 2003** US (04.04.2003)
(30) 60/472,494 **22 May/mai 2003** US (22.05.2003)
(30) 60/532,030 **22 Dec/déc 2003** US (22.12.2003)
(30) 60/548,986 **1 Mar/mar 2004** US (01.03.2004)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **COMPOSITIONS, METHODS AND KITS RELATING TO HER-2 CLEAVAGE**
• **COMPOSITIONS, PROCEDES ET KITS RELATIFS AU CLIVAGE DE HER-2**
- (71) **INCYTE CORPORATION** [US/US]; Experimental Station, Building 336, Rt. 141 & Henry Clay Road, Wilmington, DE 19880 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FRIEDMAN, Steven, M.** [US/US]; 912 Roundelay Drive, West Chester, PA 19382 (US). **SCHERLE, Peggy, A.** [US/US]; 738 Pine Ridge Road, Media, PA 19063 (US). **LIU, Xiangdong** [CN/US]; 31 Franklin School Way, Metuchen, NJ 08840 (US). **BURN, Timothy, C.** [US/US]; 212 Marian Court, Hockessin, DE 19707 (US). **HUBER, Reid** [US/US]; 2305 West 17th Street, Wilmington, DE 19806 (US). **LIU, Phillip, C., C.** [US/US]; 2415 Brookshire Drive, Wilmington, DE 19803 (US). **HOLLIS, Gregory, F.** [US/US]; 108 Edgewood Road, Wilmington, DE 19803 (US). **VADDI, Krishna** [IN/US]; 7 Stonebridge Drive, Hockessin, DE 19707 (US). **FRIDMAN, Jordan, S.** [US/US]; 50 Willow Creek Lane, Newark, DE 19711 (US).
- (74) **GODDARD, Christine, A.**; Cozen O'Connor, 1900 Market Street, Philadelphia, PA 19103 (US).

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

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

(51)⁷ A61K

(11) WO 2004/089295 (13) A2

(21) PCT/US2004/010289

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,886 1 Apr/avr 2003 US (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HOMOGENEOUS AND HETEROGENEOUS ASSAY METHODS USING NUCLEATION CENTERS AND NOVEL COVALENT CHEMISTRIES FOR THE RAPID MEASUREMENT OF PHOSPHORYLATION AND DE-PHOSPHORYLATION

• PROCEDES DE DOSAGES HOMOGENES ET HETEROGENES FAISANT APPEL A DES CENTRES DE NUCLEATION ET A DE NOUVELLES COMPOSITIONS CHIMIQUES COVALENTES POUR UNE MESURE RAPIDE DE LA PHOSPHORYLATION ET DE LA DEPHOSPHORYLATION

(71) CHROMAGEN, INC. [US/US]; 10449 Roselle Street, San Diego, CA 92121 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) BHATT, Ram, S. [US/US]; 3575 Santoro Way, San Diego, CA 92130 (US). MILLER-WING, Allison, V. [US/US]; 1913 Eastpointe Avenue, Carlsbad, CA 92008 (US). HELMS, Rebecca [US/US]; 8324 Regents Road, APT # 1-I, San Diego, CA 92122 (US). GESSERT, Steve [US/US]; 7023 Whipple Avenue, San Diego, CA 92122 (US). GONZALES, Frank [US/US]; 3269 Villanova Avenue, San Diego, CA 92122 (US). CONRAD, Michael, J. [US/US]; 1465 Via Valente, Escondido, CA 92029 (US).

(74) BIGGS, Suzanne, L.; Pillsbury Winthrop LLP, 11682 El Camino Real, Suite 200, Carmel Valley, CA 92130-1593 (US).

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

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 2004/089296 (13) A2

(21) PCT/US2004/010298

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,559 3 Apr/avr 2003 US (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • IMPROVED INHIBITORS FOR THE SOLUBLE EPOXIDE HYDROLASE
• INHIBITEURS AMELIORES POUR HYDROLASE EPOXYDE SOLUBLE

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; Office of Technology Transfer, 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) HAMMOCK, Bruce, D. [US/US]; 3134 Chesapeake Bay Avenue, Davis, CA 95616 (US). KIM, In-Hae [KR/US]; Davis, CA 95616 (US). MORISSEAU, Christophe [FR/US]; West Sacramento, CA 95691 (US). WATANABE, Takaho [JP/US]; Davis, CA 95616 (US). NEWMAN, John, W. [US/US]; 176 Walnut Street, Woodland, CA 95695 (US).

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

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

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

(51)⁷ A61K

(11) WO 2004/089297 (13) A2

(21) PCT/US2004/010300

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/459,910 2 Apr/avr 2003 US (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COMPOUNDS AND METHODS FOR TREATMENT OF THROMBOSIS

• COMPOSES ET METHODES POUR LE TRAITEMENT DE LA THROMBOSE

(71) SUNTORY PHARMACEUTICAL RESEARCH LABORATORIES, LLC [US/US]; One Kendall Square, Building 700, Cambridge, MA 02139 (US).

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

(72, 75) ABDEL-MEGUID, Sherin, S. [—/US]; Exton, PA (US). BABINE, Robert, E. [—/US]; Franklin, MA (US). DENG, Hongfeng [—/US]; Acton, MA (US). JIN, Lei [—/US]; Wellesley, MA (US). LIN, Jian [—/US]; Walpole, MA (US). MAGEE, Scott, R. [—/US]; Medford, MA (US). MEYERS, Harold, V. [—/US]; Weston, MA (US). PANDEY, Pramod [—/US]; Canton, MA (US). RYNKIEWICZ, Michael, J. [—/US]; Boston, MA (US). WEAVER, David, T. [—/US]; Newton, MA (US).

(74) CLARK, Paul, T.; Clark & Elbing, LLP, 101 Federal Street, Boston, MA 02110 (US).

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

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

(51)⁷ A61K

(11) WO 2004/089298 (13) A2

(21) PCT/US2004/010391

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/407,782 3 Apr/avr 2003 US (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • 5-HTP COMPOSITION

• COMPOSITION CONTENANT DU 5-HTP

(71, 72) MARSHALL, Anlant, Thompson [US/US]; 1253 N. Modesto, Camarillo, CA 93012 (US).

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

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

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

Declarations / Déclarations :

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

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

(51)⁷ A61K

(11) WO 2004/089299 (13) A2

(21) PCT/US2004/010402

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/459,763 2 Apr/avr 2003 US
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PULSATILE TRANSDERMALLY AD-
MINISTERED ANTIGENS AND ADJU-
VANTS

- ANTIGENES ET ADJUVANTS A AD-
MINISTRATION TRANSDERMIQUE
PULSATILE

(71) ADVANCIS PHARMACEUTICAL COR-
PORATION [US/US]; 20425 Seneca Mead-
ows Parkway, Germantown, MD 20876 (US).
(*for all designated States except / pour tous
les États désignés sauf US*)(72, 75) RUDNIC, Edward, M.; 15103 Graven-
stein Way, North Potomac, MD 20878 (US).
ROWLINGS, Colin, E. [US/US]; 1 Lau-
rel Leaf Court, Potomac, MD 28054 (US).
BURNSIDE, Beth [US/US]; 5404 Hunt-
ington PKWY, Bethesda, MD 20814 (US).
GUTTENDORF, Robert [US/US]; 12204
McDonald Chapel Drive, Gaithersburg, MD
20878 (US).(74) STAUFFER, Raymond, E. et al. / etc.;
Carella, Byrne, Bain, Gilfillan, Cecchi, Stew-
art & Olstein, 5 Becker Farm Road, Roseland,
NJ 07068 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ A61K

(11) WO 2004/089300 (13) A2

(21) PCT/US2004/010481

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460.846 4 Apr/avr 2003 US
(04.04.2003)(30) 60/520,275 13 Nov/nov 2003 US
(13.11.2003)(30) 60/527,510 5 Dec/déc 2003 US
(05.12.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SAPPHYRINS AND USES THEREOF

- SAPHIRINES ET UTILISATIONS COR-
RESPONDANTES

(71) PHARMACYCLICS, INC. [US/US]; 995
E. Arques Avenue, Sunnyvale, CA 94085
(US). BOARD OF REGENTS, UNIVER-
SITY OF TEXAS SYSTEM [US/US]; 201
West 7th Street, Austin, TX 78701 (US).(71, 72) MAGDA, Darren [US/US]; 10165 Em-
pire Avenue, Cupertino, CA 95014 (US).
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Crestway Drive, Austin, TX 78731 (US).
WANG, Zhong [CN/US]; 223 Arriba Drive,
#1, Sunnyvale, CA 94086 (US).(74) KATHARDEKAR, Vinit, G.; Pharma-
cyclics, Inc., 995 E. Arques Avenue, Sunny-
vale, CA 94085 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(u) *for / pour US only / seulement*(51)⁷ A61K

(11) WO 2004/089301 (13) A2

(21) PCT/US2004/010531

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,711 2 Apr/avr 2003 US
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COMPOSITIONS, SPLICE VARI-
ANTS AND METHODS RELATING
TO COLON SPECIFIC GENES AND
PROTEINS

- COMPOSITIONS, VARIANTS
D'EPISSAGE ET PROCEDES RELA-
TIFS A DES GENES ET DES PRO-
TEINES SPECIFIQUES DU COLON

(71) DIADEXUS, INC. [US/US]; 343 Oyster
Point Boulevard, South San Francisco, CA
94080 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MACINA, Roberto, A. [AR/US]; 4118
Crescendo Avenue, San Jose, CA 95136
(US). TURNER, Leah, R. [US/US]; 939
Rosette Court, Sunnyvale, CA 94086 (US).
SUN, Yongming [CN/US]; 551 Shoal Circle,
Redwood City, CA 94065 (US).(74) LICATA, Jane, Massey et al. / etc.; Licata
& Tyrrell P.C., 66 E. Main Street, Marlton, NJ
08053 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ A61K

(11) WO 2004/089302 (13) A2

(21) PCT/US2004/010582

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,526 3 Apr/avr 2003 US
(03.04.2003)(30) 60/475,825 3 Jun/juin 2003 US
(03.06.2003)(30) PCT/US04/06308 2 Mar/mar 2004 US
(02.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • POSH POLYPEPTIDES, COMPLEXES
AND RELATED METHODS

- POLYPEPTIDES POSH, COMPLEXES
ET PROCEDES CORRESPONDANTS

(71) PROTEOLOGICS, INC. [US/US]; 40
Ramland Road South, Suite 10, Orangeburg,
NY 10962 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) YAAR, Liora [IL/IL]; 8 Kalisher Street,
43354 Raanana (IL). ALROY, Iris [IL/IL];
Hashirion Street 10/17 (IL). REISS, Yu-
val [IL/IL]; Hahavazelet 11/6, Kiriati-Ono
(IL). TAGLICH, Daniel, N. [IL/IL]; 33
Ha'Alonim St., Lapid 73133 (IL).(74) VARMA, Anita et al. / etc.; Ropes & Gray
LLP, One International Place, Boston, MA
02110-2624 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ A61K

(11) WO 2004/089303 (13) A2

(21) PCT/US2004/011651

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

- (30) 60/460,094 **3 Apr/avr 2003** US
(03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DI-ARYL SUBSTITUTED PYRAZOLE MODULATORS OF METABOTROPIC GLUTAMATE RECEPTOR-5
• MODULATEURS AU PYRAZOLE A SUBSTITUTION DIARYLE DU RE-CEPTEUR-5 DE GLUTAMATE METABOTROPIQUE
- (71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COSFORD, Nicholas, D., P.** [GB/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **EASTMAN, Brian, W.** [CA/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **HUANG, Dehua** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **SMITH, Nicholas, D.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **TEHRANI, Lida, R.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) **WO 2004/089305** (13) A2
(21) PCT/US2004/009742
(22) **31 Mar/mar 2004 (31.03.2004)**
(25) en (26) en
(30) 60/458,939 **31 Mar/mar 2003** US
(31.03.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • HEPARIN/HEPAROSAN SYNTHASE FROM *PMULTOCIDA*, SOLUBLE AND SINGLE ACTION CATALYSTS THEREOF AND METHODS OF MAKING AND USING SAME
• HEPARINE/HEPAROSAN SYNTHASE ISSUE DE <I>PASTEURELLA MULTOCIDA</I>, SES CATALYSEURS SOLUBLES A SIMPLE EFFET, ET SES METHODES DE PRODUCTION ET D'UTILISATION
- (71, 72) **DEANGELIS, Paul** [US/US]; 706 Sunnysbrook Drive, Edmond, OK 73034 (US).
- (74) **HESTER, Kathryn, L.**; Dunlap, Codding & Rogers, P.C., P.O. Box 16370, Oklahoma City, OK 73113 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) **WO 2004/089304** (13) A2
(21) PCT/US2004/009739
(22) **30 Mar/mar 2004 (30.03.2004)**
(25) en (26) en
(30) 60/459,450 **1 Apr/avr 2003** US
(01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ANTIANDROGENS WITH MARGINAL AGONIST ACTIVITY AND METHODS OF USE
• ANTIANDROGENES PRESENTANT UNE ACTIVITE AGONISTE MARGINALE, ET METHODES D'UTILISATION
- (71) **HOLLIS-EDEN PHARMACEUTICALS, INC.** [US/US]; 4435 Eastgate Mall, #400, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LARDY, Henry, A.** [US/US]; 1829 Thorstrand Road, Madison, WI 53705 (US). **MARWAH, Ashok, K.** [IN/US]; 6710 Spring Grove Court, Middleton, WI 53562 (US). **MARWAH, Padma** [US/US]; 6710 Spring Grove Court, Middleton, WI 53562 (US).
- (74) **MUENCHAU, Daryl et al. / etc.**; Hollis-Eden Pharmaceuticals, Inc., 4435 Eastgate Mall, #400, San Diego, CA 92121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) **WO 2004/089306** (13) A2
(21) PCT/US2004/009750
(22) **31 Mar/mar 2004 (31.03.2004)**
(25) en (26) en
(30) 60/462,796 **4 Apr/avr 2003** US
(04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DI-ARYL SUBSTITUTED TRIAZOLE MODULATORS OF METABOTROPIC GLUTAMATE RECEPTOR-5
• MODULATEURS AU TRIAZOLE A SUBSTITUTION DIARYLE DU RE-CEPTEUR-5 DE GLUTAMATE METABOTROPIQUE
- (71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COSFORD, Nicholas, D. P.** [GB/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **ROPPE, Jeffrey, R.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **TEHRANI, Lida, R.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **WANG, Bowei** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) **WO 2004/089307** (13) A2
(21) PCT/US2004/009751
(22) **31 Mar/mar 2004 (31.03.2004)**
(25) en (26) en
(30) 60/460,293 **4 Apr/avr 2003** US
(04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ACYLATED SPIROPIPERIDINE DERIVATIVES AS MELANOCORTIN-4 RECEPTOR AGONISTS
• DERIVES DE SPIROPIPERIDINE ACYLES UTILISES COMME AGONISTES VIS-A-VIS DU RECEPTEUR DE MELANOCORTINE-4
- (71) **MERCK & CO. INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GUO, Liangqin** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **HE, Shuwen** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **JIAN, Tianying** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **LAI, Yingjie** [CA/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **LIU, Jian** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **NARGUND, Ravi, P.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

- NJ 07065-0907 (US). **SEBHAT, Iyassu, K.** [GB/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **UJJAINWALLA, Feroze** [GB/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **YE, Zhixiong** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **YOUNG, Jonathan, R.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (74) **MERCK & CO. INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) **WO 2004/089309** (13) A2
(21) PCT/US2004/009854
(22) **31 Mar/mar 2004 (31.03.2004)**
(25) en (26) en
(30) 10/406,428 **3 Apr/avr 2003** US
(03.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COMPOSITION AND METHODS FOR INHIBITING FUNGAL GROWTH AND TRANSFERENCE
• COMPOSITIONS ET PROCEDES POUR INHIBER LA CROISSANCE ET LA MIGRATION FONGIQUES
- (71, 72) **BUCK, Carol, J.** [US/US]; 30 Brooks Bend, Princeton, NJ 08540 (US).
- (74) **GIBSON, Timothy, X.**; Kaplan & Gilman, L.L.P., 900 Route 9 North, Woodbridge, NJ 07095 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) **WO 2004/089308** (13) A2
(21) PCT/US2004/009845
(22) **31 Mar/mar 2004 (31.03.2004)**
(25) en (26) en
(30) 60/460,085 **4 Apr/avr 2003** US
(04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DI-ARYL SUBSTITUTED PYRROLE MODULATORS OF METABOTROPIC GLUTAMATE RECEPTOR-5
• MODULATEURS PYRROLIQUES SUBSTITUES PAR DI-ARYLE, DU RECEPTEUR-5 DE GLUTAMATE METATROPIC
- (71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COSFORD, Nicholas, D. P.** [GB/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). **HUANG, Dehua** [CN/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). **ROPPE, Jeffrey, R.** [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). **SMITH, Nicholas, D.** [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). **TEHRANI, Lida, R.** [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).
- (74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) **WO 2004/089310** (13) A2
(21) PCT/US2004/009868
(22) **30 Mar/mar 2004 (30.03.2004)**
(25) en (26) en
(30) 60/459,531 **31 Mar/mar 2003** US
(31.03.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • HIGH-THROUGHPUT ASSAY FOR VIRUS ENTRY AND DRUG SCREENING
• DOSAGE BIOLOGIQUE A RENDEMENT ELEVE MESURANT LA PENETRATION DE VIRUS ET SERVANT AU CRIBLAGE DE MEDICAMENTS
- (71) **THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West 7th Avenue, Austin, TX 78701 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **DAVEY, Robert, A.**; 39 Quintana Drive, Galveston, TX 77554 (US). **KOLOKOLTSOV, Andrey**; 215 market St, F209, Galveston, TX 77550 (US).
- (74) **ADLER, Benjamin, A.**; Adler & Associates, 8011 Candle Lane, Houston, TX 77071 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) **WO 2004/089311** (13) A2
(21) PCT/US2004/009919
(22) **30 Mar/mar 2004 (30.03.2004)**
(25) en (26) en
(30) 60/458,449 **31 Mar/mar 2003** US
(31.03.2003)
(30) 10/790,136 **2 Mar/mar 2004** US
(02.03.2004)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • POLYMERIC DRUG AGENTS FOR THE TREATMENT OF FIBROTIC DISORDERS
• AGENTS MEDICAMENTEUX POLYMERES POUR LE TRAITEMENT DES AFFECTIONS DE TYPE FIBROSE
- (71) **VECTRAMED, INC.** [US/US]; Suite 200, 116 Village Boulevard, Princeton, NJ 08530 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PACHENCE, James, M.** [US/US]; 18 Elm Street, Hopewell, NJ 08525 (US). **BELINKA, Benjamin, A.** [US/US]; 15 Pelham Road, Kendall Park, NJ 08824 (US). **PUTNAM, Charles, L.** [US/US]; 11 Woodview Drive, Belle Meade, NJ 08502 (US).
- (74) **VILLACORTA, Gilberto, M. et al.** / etc.; Katten Muchin Zavis Rosenman, 1025 Thomas Jefferson Street, NW, East Lobby, Suite 700, Washington, DC 20007-5201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) **WO 2004/089312** (13) A2
(21) PCT/US2004/009944

- (22) **31 Mar/mar 2004 (31.03.2004)**
 (25) en (26) en
 (30) 60/458,831 **31 Mar/mar 2003 US (31.03.2003)**
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • NEW PIPERIDINYLAMINO-THIENO[2,3-D] PYRIMIDINE COMPOUNDS
 • NOUVEAUX COMPOSES DE PIPERIDINYLAMINO-THIENO[2,3-D] PYRIMIDINE
 (63) US 60/458,831 (CIP)
 31 Mar/mar 2003 (31.03.2003)
- (71) **PREDIX PHARMACEUTICALS HOLDINGS, INC.** [US/US]; 10K Gill Street, Woburn, MA 01801 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DHANO, Dale, S.** [US/US]; 252 Albion Street, Unit 23, Wakefield, MA 01880 (US). **BECKER, Oren** [IL/IL]; Hermon 42 Street, Suite 4, Mevaseret Zion (IL). **NOIMAN, Silvia** [IL/IL]; Kibush Haavoda 12A Street, Herzliya (IL). **CHERUKU, Srinivasa, Rao** [IN/US]; 6 Kimball Court, Apartment 301, Woburn, MA 01801 (US). **MARANTZ, Yael** [IL/IL]; P.O. Box 934, 14 Habarbur Street, Kadima 60920 (IL). **SHACHEM, Sharon** [IL/IL]; 29 Hagilad Street, Alfey Menashe 44851 (IL). **HEIFETZ, Alexander** [IL/IL]; 4 Shlomo Cohen Street, Bnei-Brak (IL). **INBAL, Boaz** [IL/IL]; P.O. Box 263, 99788 Kfar Shmuel (IL). **KESAVAN, Venkitasamy** [IN/US]; 64 Mill Street, Apartment 3, Woburn, MA 01801 (US). **BAR-HAIM, Shay** [IL/IL]; 13 Hachasida Street, Netanya (IL). **REDDY, Sekar A.** [US/IN]; 51 Cedar Street, Apartment 4203, Woburn, MA 01801 (US). **MELENDEZ, Rosa E.** [CA/US]; 1 Kimball Court, Apartment 306, Woburn MA 01801 (US). **SHARADENDU, Anurag** [IN/US]; 11 Tiffany Road, Apt. 10, Salem, NH 03079 (US). **CHEN, Dongli** [US/US]; 219 Commonwealth Avenue, Apt. #44, Chestnut Hill, MA 02467 (US).
- (74) **ELRIFI, Ivor, R.;** Mintz, Levin, Cohn, Ferris, Glosky and Popeo, P.C., One Financial Center, Boston, MA 02111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (30) 60/459,501 **1 Apr/avr 2003 (01.04.2003)** US
 (30) 60/487,064 **11 Jul/juil 2003 (11.07.2003)** US
 (30) 60/486,713 **11 Jul/juil 2003 (11.07.2003)** US
 (30) PCT/US03/27772 **4 Sep/sep 2003 (04.09.2003)** US
 (30) 10/660,202 **11 Sep/sep 2003 (11.09.2003)** US
 (30) PCT/US03/41642 **29 Dec/déc 2003 (29.12.2003)** US
 (30) 10/747,742 **29 Dec/déc 2003 (29.12.2003)** US
 (30) PCT/US04/06288 **26 Feb/fév 2004 (26.02.2004)** US
 (30) 60/548,343 **27 Feb/fév 2004 (27.02.2004)** US
- (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • **NOVEL OLANZAPINE FORMS AND RELATED METHODS OF TREATMENT**
 • **NOUVELLES FORMES DE L'OLANZAPINE ET METHODES DE TRAITEMENT ASSOCIEES**
 (71) **TRANSFORM PHARMACEUTICALS, INC.** [US/US]; 29 Hartwell Avenue, Lexington, MA 02421 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HICKEY, Magali, Bourghol** [US/US]; 342 Malden Street, Medford, MA 02155 (US). **REMENAR, Julius** [US/US]; 9 Eaton Road, Framingham, MA 01701 (US).
- (74) **OLSON, Christopher;** Transform Pharmaceuticals, Inc., 29 Hartwell Avenue, Lexington, MA 02421 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **A61K 7/00**
 (11) **WO 2004/089315** (13) A1
 (21) PCT/EP2004/002560
 (22) **11 Mar/mar 2004 (11.03.2004)**
 (25) en (26) en
 (30) 60/461,675 **10 Apr/avr 2003 US (10.04.2003)**
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • **FRAGANCED SOLID COSMETIC COMPOSITIONS BASED ON A DESTRUCTURIZED STARCH DELIVERY SYSTEM**
 • **COMPOSITIONS COSMETIQUES SOLIDES ET PARFUMÉES REPOSANT SUR UN SYSTÈME D'APPORT D'AMIDON DESTRUCTURE**
 (71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London, Greater London EC4P 4BQ (GB).
(only for / seulement pour AE AG AU BB BW BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NA NZ OM PG SC SD SG SL SZ TZ UG VC ZA ZM ZW)
 (71) **UNILEVER NV** [NL/NL]; Weena 455, 3013 AL Rotterdam (NL).
(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NI NL NO PH PL PT RO RU SE SI SK SN SY TD TG TJ TM TN TR UA UZ VN YU)
 (71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, Mumbai, 400 020 (IN).
(only for / seulement pour IN)
 (72, 75) **GOTT, Robert, Edward** [US/DE]; Lever Faberge Deutschland, Alter Postweg 25, 21614 Buxtehude (DE). **SCHMITT, William, Howard** [US/US]; Unilever Home and Personal Care USA, 40 Merritt Boulevard, Trumbull, Connecticut 06611 (US). **SABIN, Robert, Daniel** [US/US]; Unilever Home and Personal Care USA, 40 Merritt
- (51)⁷ **A61K**
 (11) **WO 2004/089313** (13) A2
 (21) PCT/US2004/009947
 (22) **31 Mar/mar 2004 (31.03.2004)**
 (25) en (26) en
- (30) 60/459,501 **1 Apr/avr 2003 (01.04.2003)** US
 (30) 60/487,064 **11 Jul/juil 2003 (11.07.2003)** US
 (30) 60/486,713 **11 Jul/juil 2003 (11.07.2003)** US
 (30) PCT/US03/27772 **4 Sep/sep 2003 (04.09.2003)** US
 (30) 10/660,202 **11 Sep/sep 2003 (11.09.2003)** US
 (30) PCT/US03/41642 **29 Dec/déc 2003 (29.12.2003)** US
 (30) 10/747,742 **29 Dec/déc 2003 (29.12.2003)** US
 (30) PCT/US04/06288 **26 Feb/fév 2004 (26.02.2004)** US
 (30) 60/548,343 **27 Feb/fév 2004 (27.02.2004)** US
- (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • **DENTAL ADHESIVE AND DENTAL FILLER**
 • **ADHESIF DENTAIRE ET CHARGE DENTAIRE**
 (71) **UM DENTAL CO., LTD.** [JP/JP]; 799-57, Kannonji-cho, Tsu-shi, Mie 514-0062 (JP).

Boulevard, Trumbull, Connecticut 06611 (US). **LONDIN, Jonthan, Russell** [US/US]; Unilever Home and Personal Care USA, 40 Merritt Boulevard, Trumbull, Connecticut 06611 (US). **DOBKOWSKI, Brian, John** [US/US]; Unilever Home and Personal Care USA, 40 Merritt Boulevard, Trumbull, Connecticut 06611 (US). **CHENEY, Michael, Charles** [US/US]; Unilever Home and Personal Care USA, 40 Merritt Boulevard, Trumbull, Connecticut 06611 (US). **VINSKI, Paul** [US/US]; Unilever Home and Personal Care USA, 40 Merritt Boulevard, Trumbull, Connecticut 06611 (US). **SLAVTCHIEFF, Craig, Stephen** [US/US]; Unilever Home and Personal Care USA, 40 Merritt Boulevard, Trumbull, Connecticut 06611 (US). **PAREDES, Rosa, Mercedes** [US/US]; Unilever Home & Personal Care USA, 40 Merritt Boulevard, Trumbull, CT 06611 (US).

(74) **MULDER, Cornelis** et al. / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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, 7/02, 7/027, 7/031, 7/032, 7/043, 7/06, 7/075, 7/48, C09C 1/40, 3/10

(11) WO 2004/089316 (13) A1

(21) PCT/JP2003/007984

(22) 24 Jun/juin 2003 (24.06.2003)

(25) ja (26) ja

(30) 2003-104084 8 Apr/avr 2003 JP (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PIGMENT FOR COSMETIC PREPARATION AND COSMETIC PREPARATION CONTAINING THE SAME

• PIGMENT POUR PREPARATION COSMETIQUE ET PREPARATION COSMETIQUE CONTENANT LEDIT PIGMENT

(71) **FUJIKASEI CO., LTD.** [JP/JP]; 9-3, Honcho 3-chome, Nakano-ku, Tokyo 164-0012 (JP). **EAU DE FAVEUR CO., LTD.** [JP/JP]; Lupinas-Shibuya 110, 29-10, Sakuragaoka-cho, Shibuya-ku, Tokyo 150-0031 (JP). **TOYO ALUMINIUM KABUSHIKI KAISHA** [JP/JP]; 6-8, Kyutaro-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0056 (JP).

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(72, 75) **MIYAWAKI, Junichi** [JP/JP]; c/o FUJIKASEI CO., LTD., 9-3, Honcho 3-chome, Nakano-ku, Tokyo 164-0012 (JP). **TOMITA, Kenichi** [JP/JP]; c/o EAU DE FAVEUR CO.,

LTD., Lupinas-Shibuya 110, 29-10, Sakuragaoka-cho, Shibuya-ku, Tokyo 150-0031 (JP). **UESHIMO, Hiroaki** [JP/JP]; c/o TOYO ALUMINIUM KABUSHIKI KAISHA, 6-8, Kyutaro-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0056 (JP).

(74) **IKUTA, Tetsuo** et al. / etc.; Ikuta & Nakoshi Law And Patent Office, Roppongi First Bldg., 7F, 9-9 Roppongi 1-chome, Minato-ku, Tokyo 106-0032 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 7/00

(11) WO 2004/089317 (13) A2

(21) PCT/US2004/010438

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 10/408,193 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PERSONAL CARE COMPOSITION CONTAINING AN ANTIDANDRUFF COMPONENT AND A NONIONIC SURFACTANT

• COMPOSITION D'HYGIENE PERSONNELLE CONTENANT UN COMPOSE ANTIPELLICULAIRE ET UN AGENT DE SURFACE NON IONIQUE

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

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

(72, 75) **KACZVINSKY, Joseph, Robert, Jr.** [US/US]; 518 Clemray Drive, Cincinnati, OH 45231 (US). **DEGENHARDT, Charles, Raymond** [US/US]; 10555 Wellingwood Court, Cincinnati, OH 45240 (US). **EICKHOFF, David, Joseph** [US/US]; 271 Gettysburg Drive, Fort Mitchell, KY 41017 (US). **GALE, Celeste, Dawn** [US/US]; 1284 Morgan-Ross Road, Hamilton, OH 45013 (US).

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

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

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

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

(51)⁷ A61K 7/00

(11) WO 2004/089318 (13) A2

(21) PCT/US2004/010439

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 10/408,211 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PERSONAL CARE COMPOSITION CONTAINING AN ANTIDANDRUFF COMPONENT AND A NONIONIC SURFACTANT

• COMPOSITION D'HYGIENE PERSONNELLE CONTENANT UN COMPOSE ANTIPELLICULAIRE ET UN AGENT DE SURFACE NON IONIQUE

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

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

(72, 75) **KACZVINSKY, Joseph, Robert, Jr.** [US/US]; 518 Clemray Drive, Cincinnati, OH 45231 (US). **DEGENHARDT, Charles, Raymond** [US/US]; 10555 Wellingwood Court, Cincinnati, OH 45240 (US). **EICKHOFF, David, Joseph** [US/US]; 271 Gettysburg Drive, Fort Mitchell, KY 41017 (US). **GALE, Celeste, Dawn** [US/US]; 1284 Morgan-Ross Road, Hamilton, OH 45013 (US). **DAWSON, Thomas, Larry** [US/US]; 55 Bluegrass Court, Hamilton, OH 45011 (US).

(74) **THE PROCTER & GAMBLE COMPANY**; T. David Reed, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

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

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

(51)⁷ A61K 7/00

(11) WO 2004/089319 (13) A2

(21) PCT/US2004/009864

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,307 1 Apr/avr 2003 US (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HIGH EFFICACY ANTIPERSPIRANT STICK CONTAINING LOW LEVELS OF NON-VOLATILE ORGANIC

• STICK ANTITRANSPIRATION HAUTE EFFICACITE CONTENANT DE FAIBLES QUANTITES DE COMPOSE ORGANIQUE NON VOLATIL

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, Ohio 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WALLING, David, William** [US/US]; 11044 Woodlands Way, Cincinnati, Ohio 45241 (US). **CHU, Phi, Van** [US/US]; 2857 W. North Bend Road, Cincinnati, Ohio 45239 (US).

(74) **THE PROCTER & GAMBLE COMPANY**; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, Ohio 45224 (US).

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

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

(51)⁷ A61K 7/02

(11) **WO 2004/089320** (13) A1

(21) PCT/EP2004/003657

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) en (26) en

(30) 0308062.9 **8 Apr/avr 2003** GB
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COSMETIC COMPOSITION

• COMPOSITION COSMETIQUE

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

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

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

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

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

(only for / seulement pour IN)

(72, 75) **AVALOS BADIANO, Cristina, Erendira** [MX/MX]; Unilever HPC Mexico, Cuernavaca Plant Calle 21-E No.1 Civac, Jiutepec, Morelos, Mexico, D.F. 62500 (MX). **FRANCO LOPEZ, Katya, Leonor** [MX/MX]; Unilever HPC Mexico, Cuernavaca Plant Calle 21-E No.1 Civac, Jiutepec, Morelos, Mexico, D.F. 62500 (MX).

(74) **MULDER, Cornelis et al. / etc.**; Unilever PLC, Patent Department, Colworth House,

Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

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

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

Published / Publiée : (c)

(51)⁷ A61K 7/06, 7/11

(11) **WO 2004/089321** (13) A1

(21) PCT/EP2004/003227

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 03252230.2 **9 Apr/avr 2003** EP
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HAIR TREATMENT COMPOSITIONS

• COMPOSITIONS POUR TRAITEMENT CAPILLAIRE

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

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

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

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

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

(only for / seulement pour IN)

(72, 75) **COOPER, Julie, Hutchison** [US/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral Merseyside CH63 3JW (GB). **CUNNINGHAM, Paul, John** [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral Merseyside CH63 3JW (GB). **EASON, Michael, Douglas** [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral Merseyside CH63 3JW (GB). **KHOSHDEL, Ezat** [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral Merseyside CH63 3JW (GB). **ROYLES, Brodyck, James, Lachlan** [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral Merseyside CH63 3JW (GB).

(74) **TANSLEY, Sally et al. / etc.**; Unilever PLC, Patent Department, Colworth House,

Sharnbrook, Bedford Bedfordshire MK44 1LQ (GB).

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

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

(51)⁷ A61K 7/06

(11) **WO 2004/089322** (13) A1

(21) PCT/FR2004/000715

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) fr (26) fr

(30) 03/03949 **31 Mar/mar 2003** FR
(31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • USE OF BEADS OF CATIONIC POLYMERS IN COSMETIC COMPOSITIONS AND COSMETIC COMPOSITIONS THUS OBTAINED

• UTILISATION DE POLYMERES CATIONIQUES EN BILLES DANS DES COMPOSITIONS COSMETIQUES ET COMPOSITIONS COSMETIQUES AINSI OBTENUES.

(71) **SNF S.A.** [FR/FR]; 41, rue Jean Huss, F-42000 Saint-Etienne (FR).

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

(72, 75) **LYOT, Pierre** [FR/FR]; 16, rue Pointe Cadet, F-42000 Saint-Etienne (FR). **PHILIBERT, Eric** [FR/FR]; La Roussière, F-42350 La Talaudière (FR).

(74) **RICHEBOURG, Michel**; Cabinet Michel Richebourg, Le Clos du Golf, 69, rue Saint Simon, F-42000 Saint Etienne (FR).

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

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

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

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 7/15, 7/26

(11) **WO 2004/089323** (13) A1

(21) PCT/ES2003/000204

(22) 7 May/mai 2003 (07.05.2003)

(25) es (26) es

(30) P 200300844 9 Apr/avr 2003 ES
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • EMULSION FOR PRESERVING THE
EDGE OF SHAVING BLADES AND
THE LIKE• EMULSION PERMETTANT DE
CONSERVER LE FIL DE LAMES DE
RASOIR ET ANALOGUES(71, 72) PFEFFER SLOBODINSKY, Ariel,
Sergio [BR/ES]; Rua Salvador Cardoso, 218-
AP. 71, 04533-050 Sao Paulo- SP (BR).(74) GONZALEZ VALDES, Carlos; Covarru-
bias, 9 2° 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 NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (a)

(51)⁷ A61K 7/32, 35/78

(11) WO 2004/089324 (13) A1

(21) PCT/JP2003/011982

(22) 19 Sep/sep 2003 (19.09.2003)

(25) ja (26) ja

(30) 2003-103171 7 Apr/avr 2003 JP
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEODORANT AGENT

• AGENT DEODORANT

(71) KAO CORPORATION [JP/JP]; 14-10,
NIHONBASHIKAYABACHO 1-CHOME,
CHUO-KU, Tokyo 103-8210 (JP).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) AKIBA, Syunichi [JP/JP]; C/O
KAO CORPORATION RESEARCH
LABORATORIES, 2606, AKABANE,
ICHIKAI-MACHI, HAGA-GUN, Tochigi
321-3497 (JP). ARA, Katsutoshi [JP/JP];
C/O KAO CORPORATION RESEARCH
LABORATORIES, 2606, AKABANE,
ICHIKAI-MACHI, HAGA-GUN, Tochigi
321-3497 (JP). KUSUOKU, Hiroshi [JP/JP];
C/O KAO CORPORATION RESEARCH
LABORATORIES, 2606, AKABANE,
ICHIKAI-MACHI, HAGA-GUN, Tochigi
321-3497 (JP). HAGURA, Toyoki [JP/JP];
C/O KAO CORPORATION RESEARCH
LABORATORIES, 1-3, BUNKA 2-CHOME,
SUMIDA-KU, Tokyo 131-8501 (JP).(74) THE PATENT CORPORATE BODY
ARUGA PATENT OFFICE; KYODO
BLDG., 3-6, NIHONBASHININGYOCHO
1-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 EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VN YU
ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ A61K 7/34, 7/38, C07F 5/00

(11) WO 2004/089325 (13) A1

(21) PCT/US2004/010224

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/406,856 4 Apr/avr 2003 US
(04.04.2003)(30) 10/462,200 16 Jun/juin 2003 US
(16.06.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • GLYCINE-FREE ANTIPERSPIRANT
SALTS WITH BETAINE FOR EN-
HANCED COSMETIC PRODUCTS• SELS ANTI-TRANSPIRANTS COM-
BINES A DE LA BETAINE, NE CONTE-
NANT PAS DE GLYCINE, DESTINES
A DES PRODUITS COSMETIQUES
AMELIORES(71) COLGATE-PALMOLIVE COMPANY
[US/US]; 300 Park Avenue, New York, New
York 10022 (US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) HOLERCA, Marian [RO/US]; 117
Benner Street, Highland Park, New Jersey
08904 (US). TANG, Xiaozhong [US/US];
190 Crestview Road, Bridgewater, New
Jersey 08807 (US). CAI, Heng [US/US];
1659 Covington Road, Yardley, Pennsylvania
19067 (US).(74) MIANO, Rosemary, M.; COLGATE-PAL-
MOLIVE COMPANY, 909 River Road, P.O.
Box 1343, Piscataway, New Jersey 08855
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

*(s) for all designations / pour toutes les
désignations**(t) for all designations / pour toutes les
désignations*(51)⁷ A61K 7/48, 7/06, 7/42, A61P 17/00

(11) WO 2004/089326 (13) A1

(21) PCT/EP2004/050482

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) 103 16 666.1 10 Apr/avr 2003 DE
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COSMETIC OR DERMATOLOGICAL
PREPARATIONS CONTAINING A
COMBINATION OF CREATININE,
CREATINE AND BIOQUINONES• PREPARATIONS COSMETIQUES OU
DERMATOLOGIQUES CONTENANT
UNE COMBINAISON DE CREATI-
NINE, DE CREATINE ET DE QUI-
NONES BIOLOGIQUES(71) BEIERSDORF AG [—/DE]; Unnastasse
48, 20245 Hamburg (DE).*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) SCHOENROCK, Uwe [DE/DE];

Lerchenweg 33, 23866 Nahe (DE).

SCHREINER, Volker [DE/DE]; Eims-

bütteler Chaussee 67, 20259 Hamburg (DE).

STAEB, Franz [DE/DE]; Baeckerstrasse

3, 21379 Echem (DE). KRUSE, Inge;

Schlueterstrasse 3, 20146 Hamburg (DE).

BIERGIESSER, Helga [DE/DE]; Sandweg

16, 21465 Reinbek (DE). LENZ, Holger

[DE/DE]; Strassburger Strasse 45 b, 22049

Hamburg (DE). MUNDT, Claudia [DE/DE];

Holunderstrasse 89 a, 28207 Bremen (DE).

SCHMIDT, Melanie [DE/DE]; Binnenfel-

dredder 44, 21031 Hamburg (DE). BLATT,

Thomas [DE/DE]; Julius-Leber-Weg 8,

22880 Wedel (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 7/48

(11) WO 2004/089327 (13) A1

(21) PCT/KR2003/000733

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MEDICINAL COSMETICAL COM-
POSITION WITH ARECA CATECHU
SEED EXTRACT• COMPOSITION COSMETIQUE MEDI-
CINALE CONTENANT UN EXTRAIT
DE GRAINE D'ARECA CATECHU

(71) **COREANA COSMETICS CO., LTD.** [KR/KR]; 204-1, Jeongchon-ri, Sunggeo-eup, Cheonan-shi, Chungcheongnam-do 330-833 (KR).

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

(72, 75) **LEE, Kun-Kook** [KR/KR]; 102-1207 Limkwang Apartment, Yongam-dong, Sangdang-gu, Cheongju-shi, Chungcheongbuk-do 360-181 (KR). **LEE, Kwang-Sik** [KR/KR]; 307-1803 Hyangchonhyundae Apartment, Shinbang-dong, Cheonan-shi, Chungcheongnam-do 330-260 (KR).

(74) **SESHIN PATENT & LAW FIRM**; 8th Fl., KFSB Bldg., 16-2 Yeoeudo-dong, Yeongdeungpo-gu, Seoul 150-101 (KR).

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

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

(51)⁷ **A61K 7/48**

(11) **WO 2004/089328** (13) A1

(21) PCT/KR2003/000738

(22) **12 Apr/avr 2003 (12.04.2003)**

(25) ko (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COMPOSITION FOR SKIN WHITENING CONTAINING MACHILIN-A

• COMPOSITION DE BLANCHIMENT DE LA PEAU CONTENANT DE LA MACHILINE A

(71) **LG HOUSEHOLD & HEALTHCARE CO., LTD.** [KR/KR]; 20 Yoido-dong, Youngdeungpo-gu, Seoul 150-721 (KR).

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

(72, 75) **KIM, Won-Chan** [KR/KR]; 1-301 LG APT., Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR). **KIM, Ho-Jeong** [KR/KR]; 1-104 LG APT., Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR). **KIM, Cheong-Taek** [KR/KR]; 1-401 LG APT., Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR). **JIN, Mu-Hyun** [KR/KR]; 206-2004 Saem-meo-ri APT., Dunsan 2-dong, Seo-gu, Daejeon 302-777 (KR). **KANG, Sang-Jin** [KR/KR]; 104-1404 Sejong APT., Jeonmin-dong, Yuseong-gu, Daejeon 305-728 (KR). **LEE, Seung-Ho** [KR/KR]; 229-1501 Sijicheonma-Town, 582 Sinmae-dong, Suseong-gu, Daegu 706-170 (KR). **CHANG, Hyeun-Wook** [KR/KR]; 263-1601 Sijibosungseohan-Town, 601 Sinmae-dong, Suseong-gu, Daegu 706-170 (KR). **SON, Jong-Keun** [KR/KR]; 262-8605 Sijibosungseohan-Town, 601 Sinmae-dong, Suseong-gu, Daegu 706-170 (KR).

(74) **LEE, Kwang-Bok**; 4F., Byukcheon Bldg., 1597-5, Seocho-dong, Seocho-gu, Seoul 137-876 (KR).

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

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

(51)⁷ **A61K 7/48, 31/198, 31/7076, 31/708, 31/13, 31/132, 31/495, A61P 17/00, 17/04, 17/06, A61K 31/16**

(11) **WO 2004/089329** (13) A2

(21) PCT/US2004/005041

(22) **20 Feb/fév 2004 (20.02.2004)**

(25) en (26) en

(30) 10/371,504 **21 Feb/fév 2003 US (21.02.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • N-ACETYLAMINO ACIDS, RELATED N-ACETYL COMPOUNDS AND THEIR TOPICAL USE

• ACIDES N-ACÉTYLAMINES, COMPOSES DE N-ACÉTYLES ET LEUR UTILISATION TOPIQUE

(71, 72) **YU, Ruey, J.** [US/US]; 655 Stump Road, Chalfont, PA 18914 (US). **VAN SCOTT, Eugene, J.** [US/US]; 3 Hidden Lane, Abington, PA 19001 (US).

(74) **BULLOCK, Kristyne, A. et al.** / etc.; Akin Gump Strauss Hauer & Feld, LLP, One Commerce Square, Suite 2200, 2005 Market Street, Philadelphia, PA 19103-7086 (US).

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

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

(51)⁷ **A61K 7/50**

(11) **WO 2004/089330** (13) A1

(21) PCT/US2004/010032

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) en (26) en

(30) 10/406,123 **3 Apr/avr 2003 US (03.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COMPOSITION

• COMPOSITION

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

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

(72, 75) **JOHANSSON, Marie** [SE/US]; 22 East Drive, Watchung, New Jersey 07069 (US). **GHAIM, Josh** [US/US]; 89 Rachel Court, Franklin Park, New Jersey 08823 (US). **SOLIMAN, Nadia** [US/US]; 53 Race Track Road, East Brunswick, New Jersey 08816 (US).

(74) **MIANO, Rosemary, M.**; Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, New Jersey 08855 (US).

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

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

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Declarations / Déclarations :

(s) for all designations / pour toutes les designations

(t) for all designations / pour toutes les designations

(51)⁷ **A61K 8/39, 8/49, A61Q 5/12**

(11) **WO 2004/089331** (13) A1

(21) PCT/US2004/010440

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) en (26) en

(30) 10/408,158 **4 Apr/avr 2003 US (04.04.2003)**

(30) 10/412,785 **11 Apr/avr 2003 US (11.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PERSONAL CARE COMPOSITION CONTAINING AN ANTIDANDRUFF COMPONENT AND A NONIONIC SURFACTANT

• COMPOSITION D'HYGIENE PERSONNELLE CONTENANT UN COMPOSE ANTIPELLICULAIRE ET UN AGENT DE SURFACE NON IONIQUE

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

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

(72, 75) **KACZVINSKY, Joseph, Robert, Jr.** [US/US]; 518 Clemray Drive, Cincinnati, OH 45231 (US). **DEGENHARDT, Charles, Raymond** [US/US]; 10555 Wellingwood Court, Cincinnati, OH 45240 (US). **EICKHOFF, David, Joseph** [US/US]; 271 Gettysburg Drive, Fort Mitchell, KY 41017 (US). **GALE, Celeste, Dawn** [US/US]; 1284 Morgan-Ross Road, Hamilton, OH 45013 (US). **DAWSON, Thomas, Larry** [US/US]; 55 Bluegrass Court, Hamilton, OH 45011 (US).

(74) **THE PROCTER & GAMBLE COMPANY**; c/o REED, T., David, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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, 6/00

(11) WO 2004/089332 (13) A1

(21) PCT/IB2004/001129

(22) 14 Apr/avr 2004 (14.04.2004)

(25) it (26) en

(30) FI2003A000105 14 Apr/avr 2003 IT (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DENTAL COMPOSITION FOR PROMOTING BONE REGENERATION

• COMPOSITION DENTAIRE FAVORISANT LA REGENERATION OSSEUSE

(71) ITALMED DI GALLI GIOVANNA E PACINI GIGLIOLA S.N.C. [IT/IT]; 26, Via Benedetto Croce, I-00142 Roma RM (IT).

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

(72, 75) PACINI, Gigliola [IT/IT]; Via Nomentana, 256, I-00100 Roma (IT).

(74) CELESTINO, Marco; Viale Giovanni Pisano, 31, I-56123 Pisa (IT).

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

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

Published / Publiée : (c)

(51)⁷ A61K 9/00

(11) WO 2004/089333 (13) A2

(21) PCT/IN2004/000050

(22) 26 Feb/fév 2004 (26.02.2004)

(25) en (26) en

(30) 237/MUM/2003 28 Feb/fév 2003 IN (28.02.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A STABLE BENZIMIDIAZOLE FORMULATION

• FORMULATION DE BENZIMIDIAZOLE STABLE

(71) CADILA HEALTHCARE LIMITED [IN/IN]; Zydus Tower, Satellite Cross Roads, Amedadabad 380 015, Gujarat (IN).

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

(72, 75) DESAI, Jatin [US/US]; Cadila Healthcare Limited, Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat (IN). PATEL, Pankaj, Ramanbhai [IN/IN]; Cadila Healthcare Limited, Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat (IN). T. VEERABABU, Ramabrahamam [IN/IN]; Cadila Healthcare Limited, Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat (IN). JOGANI, Pranav [IN/IN]; Cadila Healthcare Limited, Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat (IN).

(74) SUBRAMANIAM, Hariharan et al. / etc.; Subramaniam, Nataraj & Associates, E-556, Greater Kailash-II, New Delhi 110 048 (IN).

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

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

Declaration / Déclaration :

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

(51)⁷ A61K 9/00

(11) WO 2004/089334 (13) A2

(21) PCT/US2004/010107

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,473 31 Mar/mar 2003 US (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OSMOTIC DELIVERY SYSTEM AND METHOD FOR DECREASING START-UP TIMES FOR OSMOTIC DELIVERY SYSTEMS

• SYSTEME DE LIBERATION OSMOTIQUE ET PROCEDE DE REDUCTION DES TEMPS DE DEMARRAGE DE SYSTEMES DE LIBERATION OSMOTIQUE

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

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

(72) FERREIRA, Pamela, J.; 1720 Halford Avenue #332, Santa Clara, CA 95051 (US). LAUTENBACH, Scott; 466 23rd Street, San Mateo, CA 94403 (US). BERRY, Stephen; 1050 Spring Grove Road, Hollister, CA 95023 (US).

(74) CATAXINOS, Edgar, R. et al. / etc.; Traskbritt, 230 South 500 East, Suite 300, P.O. Box 2550, Salt Lake City, UT 84110-2550 (US).

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

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

(51)⁷ A61K 9/00

(11) WO 2004/089335 (13) A2

(21) PCT/US2004/009755

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,300 31 Mar/mar 2003 US (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NON-AQUEOUS SINGLE PHASE VEHICLES AND FORMULATIONS UTILIZING SUCH VEHICLES

• EXCIPIENTS MONOPHASIQUES NON AQUEUX ET FORMULATIONS LES CONTENANT

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

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

(72) FERREIRA, Pamela; 1720 Halford Avenue, #332, Santa Clara, CA 95051 (US). DESJARDIN, Michael; 670 Lambeth Court, Sunnyvale, CA 94087 (US). ROHLOFF, Catherine; 10381 Meadow Place, Unit B, Cupertino, CA 95014 (US). BERRY, Stephen; 1050 Spring Grove Road, Hollister, CA 95023 (US).

(74) CATAXINOS, Edgar, R. et al. / etc.; Traskbritt, 230 South 500 East, Suite 300, P.O. Box 2550, Salt Lake City, UT 84110-2550 (US).

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

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

(51)⁷ A61K 9/00

(11) WO 2004/089336 (13) A2

(21) PCT/US2004/009863

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/405,420 2 Apr/avr 2003 US (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DRUG DELIVERY SYSTEMS COMPRISING AN ENCAPSULATED ACTIVE INGREDIENT

• SYSTEMES D'ADMINISTRATION DE MEDICAMENTS CONTENANT UN PRINCIPE ACTIF MIS EN GELULE

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

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

(72, 75) RAMJI, Niranjan [IN/US]; 6851 Charleston Park Drive, Mason, OH 45040 (US). GRUENBACHER, Dana, Paul [US/US]; 1867 Harrowgate Hill Lane, Fairfield, OH 45014 (US).

(74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

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

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

Declarations / Déclarations :

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

(t) for all designations / pour toutes les désignations

(51)⁷ A61K 9/06

(11) WO 2004/089337 (13) A1

(21) PCT/IL2004/000277

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/412,260 14 Apr/avr 2003 US (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ORAL ADMINISTRATION FORM FOR VETERINARY USE

• COMPOSITION A ADMINISTRATION PER OS A USAGE VETERINAIRE

(71) CTS CHEMICAL INDUSTRIES LTD. [IL/IL]; 3 Hakidma Street, Industrial Zone, Kiryat Malachi 70953 (IL).

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

(72, 75) YAMIN, Rina [IL/IL]; 3 Harel Street, Rehovot 76516 (IL). FIRST, Sigal [IL/IL]; 100 Jabotinsky Street, Petach Tikva 49517 (IL). ROM, Alona [IL/IL]; 22 Oren Street, Mazkeret Batiya 76804 (IL).

(74) REINHOLD COHN AND PARTNERS; P.O.B. 4060, Tel Aviv 61040 (IL).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 9/08, 31/405

(11) WO 2004/089338 (13) A1

(21) PCT/CN2004/000322

(22) 8 Apr/avr 2004 (08.04.2004)

(25) zh (26) zh

(30) 03109274.8 8 Apr/avr 2003 CN (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A ARBIDOL CLATHRATE AND ITS PREPARATION PROCESS AND THE USE THEREOF

• CLATHRATE A BASE D'ARBIDOL, SON PROCEDE DE PREPARATION ET SON UTILISATION

(71) ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHUANG) CO., LTD [CN/CN]; Zhong-Shan West Road 276, Shijiazhuang City, Hebei 050051 (CN).

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

(72, 75) LIU, Zhen-tao [CN/CN]; Zhong-Shan West Road 276, Shijiazhuang City, Hebei

050051 (CN). ZHANG, Hong-wu [CN/CN]; Zhong-Shan West Road 276, Shijiazhuang City, Hebei 050051 (CN). NIU, Zhan-qi [CN/CN]; Zhong-Shan West Road 276, Shijiazhuang City, Hebei 050051 (CN). LIU, Li-yun [CN/CN]; Zhong-Shan West Road 276, Shijiazhuang City, Hebei 050051 (CN). SHEN, Dong-min [CN/CN]; Zhong-Shan West Road 276, Shijiazhuang City, Hebei 050051 (CN). CHEN, Su-rui [CN/CN]; Zhong-Shan West Road 276, Shijiazhuang City, Hebei 050051 (CN). LIANG, Min [CN/CN]; Zhong-Shan West Road 276, Shijiazhuang City, Hebei 050051 (CN). LIANG, Ya-li [CN/CN]; Zhong-Shan West Road 276, Shijiazhuang City, Hebei 050051 (CN).

(74) NTD PATENT & TRADEMARK AGENCY LIMITED BEIJING OFFICE; 10th Floor, Block A, Investment Plaza, 27 Jirongdajie, Beijing 100032 (CN).

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

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

(51)⁷ A61K 9/127

(11) WO 2004/089339 (13) A2

(21) PCT/US2004/009809

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 60/459,305 31 Mar/mar 2003 US (31.03.2003)

(30) 60/519,905 14 Nov/nov 2003 US (14.11.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LIPID PARTICLES HAVING ASYMMETRIC LIPID COATING AND METHOD OF PREPARING SAME

• PARTICULES LIPIDIQUES PRESENTANT UN REVETEMENT LIPIDIQUE ASYMETRIQUE ET PROCEDE DE PREPARATION ASSOCIE

(71) ALZA CORPORATION C/O JOHNSON & JOHNSON [US/US]; One Johnson & Johnson Plaza, WH3221, New Brunswick, NJ 08933-7003 (US).

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

(71, 72) ZHANG, Yuanpeng [—/US]; 21837 Monte Court, Cupertino, CA 95014 (US).

(74) MOHR, Judy, M. et al. / etc.; Alza Corporation, C/O Johnson & Johnson, One Johnson & Johnson Plaza, WH3221, New Brunswick, NJ 08933 (US).

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

KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

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

(51)⁷ A61K 9/20, 31/10, 31/345, 31/65, 31/7048

(11) WO 2004/089340 (13) A1

(21) PCT/BR2003/000205

(22) 29 Dec/déc 2003 (29.12.2003)

(25) en (26) en

(30) PI 0300882-7 9 Apr/avr 2003 BR
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PHARMACEUTICAL COMPOSITIONS, METHOD, AND USE OF FORMULATION FOR THE TREATMENT AND PREVENTION OF INFECTIONS ASSOCIATED WITH HELICOBACTER PYLORI IN MAMMALS AND HUMANS

• COMPOSITIONS PHARMACEUTIQUES, METHODE, ET UTILISATION D'UNE FORMULATION DANS LE TRAITEMENT ET LA PREVENTION D'INFECTIONS ASSOCIEES A L'HELICOBACTER PYLORI CHEZ LES MAMMIFERES ET LES HUMAINS

(71) CMAX OTIMIZACÃO DE RESULTADOS SC LTDA [BR/BR]; Rua Alexandre Fleming 1000, JD Alto Cambuí, CEP 13093-340, Campinas-SP (BR).

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

(72, 75) PEDRAZZOLI JUNIOR, José [BR/BR]; Rua Ilha das Caiçaras 127, CEP 13130-622, Campinas-SP (BR).

(74) DE ALMEIDA, Kátia, Fernandes; Bhering, Almeida & Associados, Rua Beneditinos 16, 11^o andar, CEP-21081-050 Rio de Janeiro, RJ (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 MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 9/20, 9/48

(11) WO 2004/089341 (13) A1

(21) PCT/EP2004/003656

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 60/461,215 8 Apr/avr 2003 US
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ORGANIC COMPOUNDS

• COMPOSITIONS PHARMACEUTIQUES SOLIDES CONTENANT UN AGONISTE DES RECEPTEURS DE LA S1P ET UN ALCOOL DE SUCRE

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

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

(71) NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

(only for / seulement pour AT)

(71) MITSUBISHI PHARMA CORPORATION [JP/JP]; 6-9 Hiranomachi 2-chome, Chuo-ku, Osaka 541-0046 (JP).

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

(72, 75) OOMURA, Tomoyuki [JP/JP]; 11-9

Ushigami 1-Chome, Nakatsu-shi, Oita 871-0015 (JP). PUDIPEDDI, Madhusudan [IN/US]; 51 Calvert Avenue East, Edison, NJ 08826 (US). ROYCE, Alan, Edward [US/US]; RR4 Box 9LE, Saylorsburg, PA 18353 (US). RUEGGER, Colleen [US/US]; 89 Poplar Drive, Morris Plains, NJ 07950 (US). SASAKI, Masaki [JP/JP]; 1852 Moro-machi, Nakatsu-shi, Oita 871-0048 (JP). TAMURA, Tokuhiko [JP/JP]; 632-4 Oaza-kouji, Yoshitomi-cho, Chikujou-gun, Fukuoka 871-0821 (JP).

(74) GRUBB, Philip; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).

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

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

Published / Publiée : (c)

(51)⁷ A61K 9/20

(11) WO 2004/089342 (13) A2

(21) PCT/EP2004/050493

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 103 17 023.5 11 Apr/avr 2003 DE
(11.04.2003)

(30) 03008453.7 11 Apr/avr 2003 EP
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ORAL PHARMACEUTICAL PREPARATION FOR PROTON PUMP ANTAGONISTS

• PREPARATION PHARMACEUTIQUE ORALE DESTINEE AUX ANTAGONISTES DE LA POMPE A PROTONS

(71) ALTANA PHARMA AG [DE/DE]; Byk-Gulden-Str. 2, 78467 Konstanz (DE).

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

(72, 75) DIETRICH, Rango [DE/DE]; Im Tiergarten 16, 78465 Konstanz (DE). NEY, Hartmut [DE/DE]; Peter-Thumb-Str. 46, 78464 Konstanz (DE). HILTLE, Simone [DE/DE]; Clara-Schumann-Str. 8, 78464 Konstanz (DE). HAAS, Bernd-Michael [DE/DE]; In der Abtwies 22, 78479 Reichenau (DE).

(74) RUPP, Herbert; c/o Altana Pharma AG, Byk-Gulden-Str. 2, 78467 Konstanz (DE).

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

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

Declarations / Déclarations :

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

(u) for / pour US only / seulement

(51)⁷ A61K 9/20, 31/155, 31/196, 31/198, 31/64

(11) WO 2004/089343 (13) A1

(21) PCT/IB2004/001104

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 591/DEL/2003 9 Apr/avr 2003 IN
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • WATER SOLUBLE TABLETS

• COMPRIMES HYDROSOLUBLES

(71) RANBAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, 110 019 New Delhi, Delhi (IN).

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

(72, 75) MURPANI, Deepak [IN/IN]; C-213, Lajpat Nagar, Part-I, 110 024 New Delhi, Delhi (IN). MADAN, Ashish [IN/IN]; 17A, Pocket - 9, Gomati Apartments, Kalkaji Extension, DDA Flats, 110 019 New Delhi,

- Delhi (IN). **SETHI, Sanjeev** [IN/IN]; House No. 365, Sector - 8, 121 006 Faridabad, Uttar Pradesh (IN). **MALIK, Rajiv** [IN/AT]; Haus 13/4, Unterer Schreiberweg, A-1190 Wien (AT).
- (74) **RANBAXY LABORATORIES LIMITED**; c/o DESHMUKH, Jay, R., 600 College Road East, Suite 2100, Princeton, NJ 110 019 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **A61K 9/20, A61P 9/12, A61J 3/10**
- (11) **WO 2004/089344** (13) A1
- (21) PCT/JP2003/004193
- (22) **1 Apr/avr 2003 (01.04.2003)**
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROCESS FOR PRODUCING TABLET
• PROCEDE DE PRODUCTION DE COM-PRIME
- (71) **OHARA CHMICAL INDUSTRIES, LTD.** [JP/JP]; 43-1, Oharaichiba, Koka-cho, Koka-gun, Shiga 520-3433 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TANIGUCHI, Toshiya** [JP/JP]; 827, Oharaichiba, Koka-cho, Koka-gun, Shiga 520-3433 (JP). **TERAI, Takao** [JP/JP]; 239-1, Nagano, Shigaraki-cho, Koka-gun, Shiga 529-1851 (JP).
- (74) **TANI, Yoshitaka**; Koei Bldg., 3F, 1-13, Awajimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0047 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 9/51, 47/48, 31/428, 31/427, 31/70**
- (11) **WO 2004/089345** (13) A1
- (21) PCT/US2004/010285
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) en (26) en
- (30) 60/460,355 **3 Apr/avr 2003 (03.04.2003)** US
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • BONE TARGETING OF BIODEGRADABLE DRUG-CONTAINING NANOPARTICLES
• CIBLAGE OSSEUX DE NANOPARTICULES BIODEGRADABLES CONTENANT UN MEDICAMENT
- (71) **SEMAFORE PHARMACEUTICALS INC.** [US/US]; 8496 Georgetown Road, Indianapolis, IN 46268 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JOSEPH, R. Garlich** [US/US]; 328 West Columbine Lane, Westfield, IN 46268 (US). **DONALD, L. Durden** [US/US]; 1310 Ladson Court, Decatur, GA 30033 (US). **LISA, Brannon-Peppas** [US/US]; 3217 Lating Stream Lane, Austin, TX 78746 (US). **TIM, C. Smith** [US/US]; 9540 C GUILD-FORD, Indianapolis, IN 46240 (US).
- (74) **HEATHER, R. Kissling, et al.** / etc.; Leydig, Voit & Mayer, LTD., Two Prudential Plaza, Suite 4900, 180 N. Stetson Av., Chicago, IL 60601-6780 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **A61K 9/70, 31/403, C07C 219/26**
- (11) **WO 2004/089346** (13) A1
- (21) PCT/EP2004/003574
- (22) **3 Apr/avr 2004 (03.04.2004)**
- (25) de (26) de
- (30) 103 15 878.2 **8 Apr/avr 2003 (08.04.2003)** DE
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • TRANSDERMAL ADMINISTRATION OF (R)-3,3-DIPHENYLPROPYLAMINE MONOESTERS
• ADMINISTRATION TRANSDERMALE DE MONOESTERS DE (R)-3,3-DIPHENYLPROPYLEAMINE
- (71) **SCHWARZ PHARMA AG** [DE/DE]; Alfred-Nobel-Str. 10, 40789 Monheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BREITENBACH, Armin** [DE/DE]; Opladener Str. 108, 40789 Monheim (DE). **MEESE, Claus** [DE/DE]; Kreuzberger Str. 50, 40789 Monheim (DE). **WOLFF, Hans-Michael** [DE/DE]; Richard-Wagner-Str. 2, 40789 Monheim (DE). **DREWS,**
- Roland** [DE/DE]; Ulmenweg 24, 40789 Monheim (DE).
- (74) **SCHWARZ PHARMA AG**; Alfred-Nobel-Str. 10, 40789 Monheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement
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- (51)⁷ **A61K 9/70, 31/137, A61P 11/06, 11/08**
- (11) **WO 2004/089347** (13) A1
- (21) PCT/JP2004/004262
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) ja (26) ja
- (30) 2003-106239 **10 Apr/avr 2003 (10.04.2003)** JP
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • TRANSDERMAL ABSORPTION PREPARATION CONTAINING TULOBUTEROL AND PATCH USING THE SAME
• PREPARATION POUR ABSORPTION TRANSDERMIQUE CONTENANT DU TULOBUTEROL ET TIMBRE LA CONTENANT
- (71) **TEIKA PHARMACEUTICAL CO., LTD.** [JP/JP]; 3-27, Arakawa 1-chome, Toyama-shi, Toyama 9300982 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIMURA, Takahito** [JP/JP]; 81, Taro-maru-2ku, Toyama-shi, Toyama 9398076 (JP). **FUJISHITA, Shigeto** [JP/JP]; 17-19, Tokiwadai, Toyama-shi, Toyama 9300983 (JP). **IWAI, Takehiko** [JP/JP]; 1364-35, Hibari, Kosugimachi, Imizu-gun, Toyama 9390351 (JP).
- (74) **ONO, Nobuo et al.** / etc.; Mitobe Bldg. 4F, 1-13-1, Kandaizumi-cho, Chiyoda-ku, Tokyo 1010024 (JP).

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

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

(51)⁷ A61K 31/00, 31/4525, 31/343, 31/138, 31/496, A61P 11/00

(11) WO 2004/089348 (13) A2

(21) PCT/EP2004/004530

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 60/461,427 10 Apr/avr 2003 US (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHODS FOR PREVENTING, ATTENUATING OR TREATING PULMONARY HYPERTENSION USING A SEROTONIN TRANSPORTER INHIBITOR, AND PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT THEREOF

• PROCEDES PERMETTANT DE PREVENIR, ATTENUER OU TRAITER L'HYPERTENSION ARTERIELLE PULMONAIRE AU MOYEN D'UN INHIBITEUR DU TRANSPORTEUR DE LA SEROTONINE AINSI QUE COMPOSITIONS PHARMACEUTIQUES DESTINEES AU TRAITEMENT DE L'HYPERTENSION ARTERIELLE PULMONAIRE

(71) ASSISTANCE PUBLIQUE - HOPI-TAUX DE PARIS [FR/FR]; 3, avenue Victoria, F-75100 Paris (FR). INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE [FR/FR]; 101, rue de Tolbiac, F-75654 Paris Cedex 13 (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) ADNOT, Serge [FR/FR]; 38, avenue des Sapins, F-94100 Saint-Maur des Fosses (FR). EDDAHIBI, Saadia [FR/FR]; 47, rue Domremy, Boîte postale 20, F-75013 Paris (FR).

(74) ERNEST GUTMANN-YVES PLESSER-AUD S.A.; 3, rue Chauveau-Lagarde, F-75008 Paris (FR).

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

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

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

(51)⁷ A61K 31/00, 31/4164, 31/4178, A61P 25/08

(11) WO 2004/089349 (13) A2

(21) PCT/FI2004/000220

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 60/461,413 10 Apr/avr 2003 US (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TREATMENT OF EPILEPSY

• TRAITEMENT DE L'EPILEPSIE

(71) ORION CORPORATION [FI/FI]; Orionintie 1, FI-02200 Espoo (FI). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) HAAPALINNA, Antti [FI/FI]; Markulantie 8, FI-20360 Turku (FI). PITKÄ-NEN, Asla [FI/FI]; Hauenkoukku 18 as. 2, FI-70700 Kuopio (FI).

(74) ORION CORPORATION; ORION PHARMA, Legal Affairs and Intellectual Property Rights, P.O.Box 65, FI-02101 Espoo (FI).

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

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

(51)⁷ A61K 31/00, 31/554, A61P 1/10

(11) WO 2004/089350 (13) A1

(21) PCT/GB2004/001396

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0307918.3 5 Apr/avr 2003 GB (05.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • USE OF AN IBAT INHIBITOR FOR THE TREATMENT OF PROPHYLAXIS OF CONSTIPATION

• UTILISATION D'UN INHIBITEUR D'IBAT DANS LE TRAITEMENT OU LA PROPHYLAXIE DE LA CONSTIPATION

(71) ASTRAZENECA AB [SE/SE]; SE-151 85 Sodertälje (SE).

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

(71) ASTRAZENECA UK LIMITED [GB/GB]; 15 Stanhope Gate, Greater London, London W1K 1LN (GB). *(only for / seulement pour MG)*

(72, 75) ABRAHAMSSON, Hasse, Roland [SE/SE]; Sahlgrenska University Hospital, Department of Internal Medicine, SE-413 45

Goteborg (SE). GILLBERG, Per-Goran [SE/SE]; AstraZeneca R & D Molndal, SE-431 83 Molndal (SE).

(74) ASTRAZENECA; Global Intellectual Property, P.O. Box 272, Mereside, Macclesfield, Cheshire SK10 4GR (GB).

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

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

(51)⁷ A61K 31/00

(11) WO 2004/089351 (13) A2

(21) PCT/GB2004/001546

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 0308382.1 10 Apr/avr 2003 GB (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHODS AND MEANS FOR THE TREATMENT OF PROGRESSIVE NEUROLOGICAL DISORDERS

• METHODES ET MOYENS DE TRAITEMENT DE TROUBLES NEUROLOGIQUES PROGRESSIFS

(71) CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LTD [GB/GB]; The Old Schools, Trinity Lane, Cambridge, Cambridgeshire CB2 1TS (GB).

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(72, 75) MORTON, Anne, Jennifer [NZ/GB]; Department of Pharmacology, University of Cambridge, Tennis Court Road, Cambridge, Cambridgeshire CB2 1PD (GB).

(74) SUTCLIFFE, Nicholas et al. / etc.; Mewburn Ellis LLP, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).

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

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

(51)⁷ A61K 31/00

(11) WO 2004/089352 (13) A2

(21) PCT/HU2004/000032

(22) 7 Apr/avr 2004 (07.04.2004)

- (25) en (26) en
- (30) P0300929 9 Apr/avr 2003 HU
(09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PHARMACEUTICAL COMBINATION FOR THE TREATMENT OF SPASTICITY AND/OR PAIN
- COMBINAISON PHARMACEUTIQUE POUR LE TRAITEMENT DE L'HYPERTONIE SPASTIQUE ET/OU LA DOULEUR
- (71) RICHTER GEDEON VEGYÉSZETI GYÁR RT. [HU/HU]; Gyömrői út 19-21., H-1103 Budapest (HU).
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- (72, 75) TIHANYI, Károly [HU/HU]; Postamester u. 37., H-1171 Budapest (HU). KOCISIS, Pál [HU/HU]; Mézeskalács tér 5., H-1155 Budapest (HU). NÉMETH, György [HU/HU]; Nagyerdei krt. 60., H-4032 Debrecen (HU). TARNAWA, István [HU/HU]; Kerékgyártó u. 45/C, H-1147 Budapest (HU). DALMADI, Balázs [HU/HU]; Erdősor u. 20., H-1046 Budapest (HU).
- (74) RICHTER GEDEON VEGYÉSZETI GYÁR RT.; Gyömrői út 19-21., H-1103 Budapest (HU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (51)⁷ A61K 31/00
- (11) WO 2004/089355 (13) A2
- (21) PCT/IB2004/001408
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 60/462,205 11 Apr/avr 2003 US
(11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHODS FOR TREATMENT OF PARKINSON'S DISEASE
- PROCEDES DE TRAITEMENT DE LA MALADIE DE PARKINSON
- (63) US 60/462,205 (CIP)
11 Apr/avr 2003 (11.04.2003)
- (71) NEWRON PHARMACEUTICALS, INC. [IT/IT]; Via Ludovico Ariosto, 21, I-20091 Bresso (IT).
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- (72, 75) RUGGERO, Fariello [IT/IT]; Via della Vittoria, 22, I-21016 Luino (IT). CATTANEO, Carlo [IT/IT]; Via C. Armellini, 31, I-20161 Milano (IT). SALVATI, Patricia [IT/IT]; Via Valera, 16/c, I-20020 Arese (IT). BENATTI, Luca [IT/IT]; Via della Repubblica, 43, I-20093 S. Maurizio al Lambro (IT).
- (74) CRUMP, Julian, Richard, John; Mintz Levin Cohn Ferris Glosky & Popeo Intellectual Property LLP, The Rectory, 9 Ironmonger Lane, London EC2V 8EY (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 31/00
- (11) WO 2004/089354 (13) A2
- (21) PCT/IT2004/000199
- (22) 9 Apr/avr 2004 (09.04.2004)
- (25) en (26) en
- (30) MI2003A000755 11 Apr/avr 2003 IT
(11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PEPTIDES AND DERIVATIVES THEREOF AS INHIBITORS OF OXIDATIVE-INDUCED DEGRADATION PHENOMENA AND COMPOSITIONS CONTAINING THEM
- PEPTIDES ET DERIVES DE CEUX-CI SERVANT D'INHIBITEURS A DES PHENOMENES DE DEGRADATION INDUITS DE MANIERE OXYDATIVE ET COMPOSITIONS LES CONTENANT
- (71) BOTTEGA VERDE S.R.L. [IT/IT]; Podere San Luigi-Palazzo Massaini, I-53026 Pienza (SI) (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GHIRARDINI, Adriano [IT/IT]; Via Michele Pascoli, 18, I-48100 Ravenna (IT). CERONI, Milla [IT/IT]; Via Paruzza, 76, I-13836 Cossato (BI) (IT).
- (74) PIPPARELLI, Claudio; c/o Studio Cioni & Pipparelli, Via Quadronno, 6, I-20122 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 31/00
- (11) WO 2004/089356 (13) A2
- (21) PCT/US2004/010286
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 31/00
- (11) WO 2004/089355 (13) A2
- (21) PCT/US2004/010143
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 60/460,126 3 Apr/avr 2003 US
(03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COMPOSITIONS AND METHOD FOR TREATING MICROBIAL AND PARASITIC INFECTIONS IN CATTLE AND OTHER ANIMALS
- COMPOSITIONS ET PROCEDES DESTINES AU TRAITEMENT D'INFECTIONS MICROBIENNES ET PARASITAIRES AFFECTANT LES BOVINS ET AUTRES ANIMAUX
- (71) SCHERING-PLOUGH LTD. [CH/CH]; Weystrasse 20, P. O. Box, CH-6000 Lucerne 6 (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (71) SHUSTER, Dale, E. [US/US]; 267 Beechspring Road, South Orange, NJ 07079 (US). SAWUTZ, David, G. [US/US]; 77 Claremont Avenue, Maplewood, NJ 07040 (US).
(only for / seulement pour US)
- (72, 75) VARMA, Kanwal, J. [US/US]; 18 Willow Woods Trail, Warren, NJ 07059 (US).
- (74) LIPKA, Robert, J.; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (30) 60/460,289 **3 Apr/avr 2003** US
(03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • TARGETED BONE MARROW PROTECTION AGENTS
• AGENTS DE PROTECTION CIBLES DE LA MOELLE OSSEUSE
- (71) SEMAFORE PHARMACEUTICALS INC. [US/US]; 8496 Georgetown Road, Indianapolis, IN 46268 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GARLICH, Joseph, R. [US/US]; 328 West Columbine Lane, Westfield, IN 46268 (US). DURDEN, Donald, L. [US/US]; 1310 Ladson Court, Decatur, GA 30033 (US). SMITH, Tim, C. [US/US]; 9540 C Guildford, Indianapolis, IN 46240 (US).
- (74) KISSLING, Heather, R. et al. / etc.; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 North Stetson Avenue, Chicago, IL 60601-6780 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 31/00
(11) WO 2004/089357 (13) A2
(21) PCT/US2004/010351
(22) 2 Apr/avr 2004 (02.04.2004)
(25) en (26) en
(30) 60/459,742 **2 Apr/avr 2003** US
(02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ANTI-FUNGAL FORMULATION OF TRITERPENE AND ESSENTIAL OIL
• PREPARATION ANTIFONGIQUE A BASE DE TRITERPENE ET D'HUILE ESSENTIELLE
- (71) REGENTS OF THE UNIVERSITY OF MINNESOTA [US/US]; 450 McNamara Alumni Center, 200 Oak Street S.E., Minneapolis, MN 55455-2070 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) CARLSON, Robert, M. [US/US]; 2231 East Third Street, Duluth, MN 55812 (US). GIBSON, David, J. [US/US]; 1339 Vallee Drive, Woodbury, NJ 08096 (US).
- (74) CLISE, Timothy, B. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 31/12, A61P 19/10, A23L 1/30, 2/38
(11) WO 2004/089359 (13) A1
(21) PCT/JP2004/005087
(22) 8 Apr/avr 2004 (08.04.2004)
(25) ja (26) ja
(30) 2003-104515 **8 Apr/avr 2003** JP
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COMPOSITION FOR INHIBITION OR PREVENTION OF BONE DENSITY LOWERING AND REFRESHMENT THEREFOR
• COMPOSITION DESTINEE A L'INHIBITION OU A LA PREVENTION DE LA BAISSSE DE LA DENSITE OSSEUSE ET BOISSON CORRESPONDANTE
- (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) TAJIMA, Osamu [JP/JP]; c/o Research Center for Product Safety and Assessment, Research and Development Department, Kirin Beer Kabushiki Kaisha, 3, Miyahara-cho, Takasaki-shi, Gunma 370-1295 (JP). KATAYAMA, Mikio [JP/JP]; c/o Research Center for Product Safety and Assessment, Research and Development Department, Kirin Beer Kabushiki Kaisha, 3, Miyahara-cho, Takasaki-shi, Gunma 370-1295 (JP).
- (74) YOSHITAKE, Kenji et al. / etc.; Kyowa Patent & Law Office, Fuji Bldg., Room 323, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 31/135
(11) WO 2004/089360 (13) A1
(21) PCT/US2004/010098
(22) 30 Mar/mar 2004 (30.03.2004)
(25) en (26) en
(30) 60/459,768 **2 Apr/avr 2003** US
(02.04.2003)
(30) 60/539,763 **28 Jan/jan 2004** US
(28.01.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • POLYAMINE COMPOUNDS FOR TREATING CHEMOKINE RECEPTOR MEDIATED DISEASES
• COMPOSES POLYAMINE POUR LE TRAITEMENT DE MALADIES INDUITES PAR LE RECEPTEUR DE LA CHEMOKINE
- (71) TAIGEN BIOTECHNOLOGY; 7F, 138 Shin Ming Rd., Neihu Dist., Taipei, Taiwan 114 (TW).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAKIMELAHI, Gholam, Hossein [IR/—]; 4th Floor, No.2, Alley 3, Lane 120, Minchuan East Road, Sec.6, Taipei 114 (TW). WANG, Ching-Cheng [CN/CN]; 3 Yang Ming Street, Changhua, Taiwan 500 (TW). CHEN, Hua-Chien [CN/CN]; No. 129-13, Wolung Street, Taipei 106 (TW). XIANG, Yibin [US/US]; 24 Marshall Path, Acton, MA 01720 (US). SHIA, Kak-Shan [CN/CN]; 3F, No.56, Lane 140, Sec. 1, Tingjou Rd., Taipei 100 (TW).
- (74) TSAO, Y., Rocky; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ A61K 31/165, 9/70, A61P 25/02
- (11) WO 2004/089361 (13) A1
- (21) PCT/EP2003/012929
- (22) 19 Nov/nov 2003 (19.11.2003)
- (25) en (26) en
- (30) 60/462,630 14 Apr/avr 2003 US (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • THERAPEUTIC PATCH WITH POLYSILOXANE MATRIX COMPRISING CAPSAICIN
- DISPOSITIF THERAPEUTIQUE TRANSDERMIQUE DOTE D'UNE MATRICE DE POLYSILOXANE CONTENANT DE LA CAPSAICINE
- (71) LTS LOHMANN THERAPIE-SYSTEME AG [DE/DE]; Lohmannstrasse 2, 56626 Andernach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MÜLLER, Walter [DE/DE]; Hindenburgwall 12, 56626 Andernach (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 31/4025, C07D 207/16, 409/06, 401/06, 405/06, 403/06, A61K 31/40, A61P 5/50
- (11) WO 2004/089362 (13) A1
- (21) PCT/DK2004/000232
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) PA 2003 00578 11 Apr/avr 2003 DK (11.04.2003)
- (30) 60/462,607 14 Apr/avr 2003 US (14.04.2003)
- (30) PA 2003 01661 7 Nov/nov 2003 DK (07.11.2003)
- (30) 60/520,039 14 Nov/nov 2003 US (14.11.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • 2-CYANOPYRROLES AND THEIR ANALOGUES AS DDP-IV INHIBITORS
- 2-CYANOPYRROLES ET LEURS ANALOGUES EN TANT QU'INHIBITEURS DE DIPEPTIDYLPEPTIDASE-IV (DP-IV)
- (71) NOVO NORDISK A/S [DK/DK]; Novo Allé, DK-2880 Bagsværd (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KANSTRUP, Anders, Bendtz [DK/DK]; Fredskovvej 7C, DK-3060 Esbjergårde (DK). LUNDBECK, Jane, Marie [DK/DK]; Evas Allé 19, DK-2600 Glostrup (DK). CHRISTIANSEN, Lise, Brown [DK/DK]; Sophus Schandorphs Vej 4, DK-2800 Lyngby (DK). KRISTIANSEN, Marit [DK/DK]; Gustav Esmanns Allé 2, DK-2860 Søborg (DK). CHRISTENSEN, Leif [DK/DK]; Kirkevej 9c, DK-2920 Charlottenlund (DK). CHRISTENSEN, Inge, Thøger [DK/DK]; Kulsvietofte 52, Dk-2800 Lyngby (DK). BOWLER, Andrew, Neil [GB/DK]; Skolevej 4, 1. sal, DK-2820 Gentofte (DK).
- (74) NOVO NORDISK A/S; Novo Allé, DK-2880 Bagsværd (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 31/403, C07D 209/52, A61P 1/00, 11/00, 13/00
- (11) WO 2004/089363 (13) A1
- (21) PCT/IB2003/001333
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) en (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SUBSTITUTED AZABICYCLO HEXANE DERIVATIVES AS MUSCARINIC RECEPTOR ANTAGONISTS
- DERIVES D'AZABICYCLO HEXANES SUBSTITUES EN TANT QU'ANTAGONISTES DES RECEPTEURS MUSCARINIQUES
- (71) RANBAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, 110 019 New Delhi, Delhi (IN). GUPTA, Jang, Bahadur [IN/JP]; The Entente 803, 5-15 Koyochi Naka, Higashinada-Ku, Kobe, 6580032 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MEHTA, Anita [IN/US]; 756 Old Checker Road, Buffalo Grove, IL 60089 (US). SILAMKOTI, Arundutt, Viswanatham [IN/IN]; 97, Doveton Road, Bolarium, 500010 Secunderabad (IN).
- (74) RANBAXY LABORATORIES LIMITED; c/o DESHMUKH, Jay R., 600 College Road East, Suite 2100, Princeton, NJ 08540 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 31/404, 9/20, 9/00
- (11) WO 2004/089365 (13) A1
- (21) PCT/IB2004/001115
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 0308469.6 11 Apr/avr 2003 GB (11.04.2003)
- (30) 0312479.9 30 May/mai 2003 GB (30.05.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PHARMACEUTICAL COMBINATION COMPRISING ELETRIPTAN AND SODIUM BICARBONATE
- COMBINAISON PHARMACEUTIQUE A BASE D'ELETRIPTAN ET DE BICARBONATE DE SODIUM
- (71) PFIZER LIMITED [GB/GB]; Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). (only for / seulement pour GB)
- (71) PFIZER, INC. [US/US]; 235 East 42nd Street, New York, NY 10017 (US). (for all designated States except / pour tous les États désignés sauf GB US)
- (72, 75) HUMPHREY, Michael, John [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
- (74) WOOD, David, J.; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 31/4184, C07D 235/08, 235/12, A61P 25/00, C07D 263/56, 231/56, A61K 31/423, 31/416, C07D 215/12, 215/26, A61K 31/47, C07D 209/08, A61K 31/404, C07D 239/94, A61K 31/517
- (11) WO 2004/089366 (13) A1
- (21) PCT/IB2004/001177
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 60/461,918 10 Apr/avr 2003 US (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • BICYCLIC COMPOUNDS AS NR2B RECEPTOR ANTAGONISTS
- COMPOSES BICYCLIQUES COMME ANTAGONISTES DU RECEPTEUR NR2B
- (71) PFIZER JAPAN, INC. [JP/JP]; Shinjuku Bunka Quint Bldg., 3-22-7, Yoyogi, Shibuya-ku, Tokyo 151-8589 (JP). (only for / seulement pour JP)
- (71) PFIZER INC. [US/US]; 235 East 42nd Street, New York, NY 10017 (US). (for all designated States except / pour tous les États désignés sauf JP US)
- (72, 75) ANDO, Kazuo [JP/JP]; Pfizer Global Research and Development, Nagoya, Pfizer Inc., 2 Aza 5-gochi, Taketoyo-cho, Chita-gun, Aichi-ken 470-2393 (JP). KAWAI, Makoto [JP/JP]; Pfizer Global Research and Development, Nagoya, Pfizer Inc., 2 Aza 5-gochi, Taketoyo-cho, Chita-gun, Aichi-ken 470-2393 (JP). KAWAMURA, Mitsuhiro [JP/JP]; Pfizer Global Research and Development, Nagoya, Pfizer Inc., 2 Aza 5-gochi, Taketoyo-cho, Chita-gun, Aichi-ken 470-2393 (JP). MATSUMIZU, Miyako [JP/JP]; Pfizer Global Research and Development, Nagoya, Pfizer Inc., 2 Aza 5-gochi, Taketoyo-cho, Chita-gun, Aichi-ken 470-2393 (JP). MORITA, Asato [JP/JP]; Pfizer Global Research and Development, Nagoya, Pfizer Inc., 2 Aza 5-gochi, Taketoyo-cho, Chita-gun, Aichi-ken 470-2393 (JP). SAKURADA, Isao [JP/JP]; Pfizer Global Research and Development, Nagoya, Pfizer Inc., 2 Aza 5-gochi, Taketoyo-cho, Chita-gun, Aichi-ken 470-2393 (JP).
- (74) LUMB, J., Trevor et al. / etc.; c/o WOOD, David, J.; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 31/4196, C07D 249/12, A61P 3/00, 3/10
- (11) WO 2004/089367 (13) A1
- (21) PCT/DK2004/000249
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) PA 2003 00566 11 Apr/avr 2003 DK (11.04.2003)
- (30) 60/467,362 2 May/mai 2003 US (02.05.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PHARMACEUTICAL USE OF SUBSTITUTED 1,2,4-TRIAZOLES
- UTILISATION PHARMACEUTIQUE DE 1,2,4-TRIAZOLES SUBSTITUEES
- (71) NOVO NORDISK A/S [DK/DK]; Novo Allé, Bagsværd, 2880 (DK). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANDERSEN, Henrik, Sune [DK/DK]; Gustav Adolfs Vej 2, Kgs. Lyngby, 2800 (DK). KAMPEN, Gita, Camilla, Tejlgaard [DK/DK]; Gærdebuen 18, Nærum, 2850 (DK). CHRISTENSEN, Inge, Thøger [DK/DK]; Kulsviertofte 52, Kgs. Lyngby, 2800 (DK). MOGENSEN, John Patrick [DK/DK]; Rørløkken 96, Herlev, 2730 (DK). LARSEN, Annette Rosendal [DK/DK]; Hallingdal 5, Kgs. Lyngby, 2800 (DK).
- (74) NOVO NORDISK A/S; Corporate Patents, Novo Allé, Bagsværd, 2880 (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 31/422, 31/427, A61P 17/00, 17/06 // 37/08, C07D 413/12, 417/12, 417/14
- (11) WO 2004/089368 (13) A1
- (21) PCT/JP2004/005021
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) ja (26) ja
- (30) 2003-104543 8 Apr/avr 2003 JP (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • THERAPEUTIC OR PREVENTIVE AGENT FOR DERMATITIS
- AGENT THERAPEUTIQUE OU PROPHYLACTIQUE CONTE LA DERMATITE
- (71) SHIONOGI & CO. LTD. [JP/JP]; 1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5410045 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HORI, Yozo [JP/JP]; c/o Shionogi & Co., Ltd. 12-4, Sagisu 5-chome, Fukushima-ku, Osaka-shi, Osaka, 5530002 (JP). KUWABARA, Kenji [JP/JP]; c/o Shionogi & Co., Ltd. 5-1, Mishima 2-chome, Settsu-shi, Osaka, 5660022 (JP). TAKEUCHI, Mitsuo [JP/JP]; 3-24, Mimatsugaokanishi 3-chome, Sangocho, Ikoma-gun, Nara, 6360804 (JP).
- (74) YAMAUCHI, Hideaki et al. / etc.; Shionogi & Co., Ltd. Intellectual Property Department 12-4, Sagisu 5-chome, Fukushima-ku, Osaka-shi, Osaka, 5530002 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 31/436, A61P 25/16, 25/28, 43/00, G01N 33/50, 33/68
- (11) WO 2004/089369 (13) A2
- (21) PCT/GB2004/000690
- (22) 24 Feb/fév 2004 (24.02.2004)
- (25) en (26) en
- (30) 60/462,269 11 Apr/avr 2003 US (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHODS AND MEANS FOR TREATING PROTEIN CONFORMATIONAL DISORDERS
• METHODES ET MOYENS PERMETTANT DE TRAITER DES TROUBLES DE CONFORMATION DES PROTEINES
- (71) CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED [GB/GB]; The Old Schools, Trinity Lane, Cambridge, Cambridgeshire CB2 1TS (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RUBINSZTEIN, David [GB/GB]; Cambridge Institute For Medical Research, Wellcome/MRC Building, Addenbrookes Hospital, Hill Road, Cambridge, Cambridgeshire CB2 2XY (GB). RAVIKUMAR, Brinda [IN/GB]; Cambridge Institute For Medical Research, Wellcome/MRC Building, Addenbrookes Hospital, Hill Road, Cambridge, Cambridgeshire CB2 2XY (GB). WEBB, Julie [GB/GB]; Cambridge Institute For Medical Research, Wellcome/MRC Building, Addenbrookes Hospital, Hill Road, Cambridge, Cambridgeshire CB2 2XY (GB).
- (74) SUTCLIFFE, Nicholas 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 31/4515, A61P 25/30
- (11) WO 2004/089371 (13) A1
- (21) PCT/AU2004/000482
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) en (26) en
- (30) 2003901741 11 Apr/avr 2003 AU (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • TREATMENT OF ADDICTION
• TRAITEMENT DE LA TOXICOMANIE
- (71) NEUROSCIENCES VICTORIA LIMITED [AU/AU]; C/- National Neurosciences Facility, Level 2, 161 Barry Street, Melbourne, VIC 3053 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HORNE, Malcolm [AU/AU]; Howard Florey Institute, University of Melbourne, Parkville, VIC 3010 (AU). FINKELSTEIN, David [AU/AU]; Howard Florey Institute, University of Melbourne, Parkville, VIC 3010 (AU). DRAGO, John [AU/AU]; Howard Florey Institute, University of Melbourne, Parkville, VIC 3010 (AU).
- (74) ALLENS ARTHUR ROBINSON PATENT & TRADE MARKS ATTORNEYS; The Chifley Tower, 2 Chifley Square, Sydney, NSW 2000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 31/454, 31/506, A61P 25/22, 25/24
- (11) WO 2004/089372 (13) A1
- (21) PCT/EP2004/050492
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) PCT/EP03/03879 11 Apr/avr 2003 EP (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SUBSTITUTED 4-PHENYL-4'-1H-IMIDAZOL-2-YL 1-PIPERIDINE DERIVATIVES AND THEIR USE AS SELECTIVE NON-PEPTIDE DELTA OPIOID AGONISTS WITH ANTIDEPRESSANT AND ANXIOLYTIC ACTIVITY
• DERIVES 4-PHENYL-4'-1H-IMIDAZOL-2-YL 1-PIPERIDINE SUBSTITUES, UTILISATION DE CES DERIVÉS EN TANT QU'AGONISTES DELTA OPIOIDES NON PEPTIDIQUES SELECTIFS A ACTIVITE ANTIDEPRESSEUR ET ANXIOLYTIQUE
- (71) JANSSEN PHARMACEUTICA N.V. [BE/BE]; Turnhoutseweg 30, B-2340 Beerse (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STECKLER, Thomas, Horst, Wolfgang [DE/BE]; c/o Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). JANSSENS, Frans, Eduard [BE/BE]; c/o Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). LEENAERTS, Joseph, Elisabeth [BE/BE]; c/o Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). FERNÁNDEZ-GADEA, Francisco, Javier [ES/ES]; c/o Janssen Cilag S.A., Edificio Johnson & Johnson, Paseo de las Doce Estrellas, 5-7, Campo de las Naciones, E-28042 Madrid (ES). GÓMEZ-SÁNCHEZ, Antonio [ES/ES]; c/o Janssen Cilag S.A., Edificio Johnson & Johnson, Paseo de las Doce Estrellas, 5-7, Campo de las Naciones, E-28042 Madrid (ES). MEERT, Theo, Frans [BE/BE]; c/o Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE).
- (74) JANSSEN PHARMACEUTICA N.V.; Turnhoutseweg 30, B-2340 Beerse (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

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

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

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Declarations / Déclarations :

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

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A61K 31/4545, C07D 211/32, 405/06, 401/12, 401/14, A61P 25/28

(11) WO 2004/089373 (13) A1

(21) PCT/EP2004/003985

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 0308333.4 10 Apr/avr 2003 GB (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • 4-(4-(HETEROCYCLYLALKOXY)PHENYL)-1-(HETEROCYCLYL-CARBONYL)PIPERIDINE DERIVATIVES AND RELATED COMPOUNDS AS HISTAMINE H₃ ANTAGONISTS FOR THE TREATMENT OF NEUROLOGICAL DISEASES SUCH AS ALZHEIMER'S

• DERIVES DE 4-(4-(HETEROCYCLYLALKOXY)PHENYL)-1-(HETEROCYCLYL-CARBONYL)PIPERIDINE ET COMPOSES ASSOCIES SERVANT D'ANTAGONISTES D'HISTAMINE H₃ DESTINES AU TRAITEMENT DE TROUBLES NEUROLOGIQUES

(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) BAMFORD, Mark, James [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow Essex CM19 5AW (GB). DEAN, David, Kenneth [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow Essex CM19 5AW (GB). WILSON, David, Matthew [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow Essex CM19 5AW (GB).

(74) GIBSON, Mark; GlaxoSmithKline (CN925.1), 980 Great West Road, Brentford Middlesex TW8 9GS (GB).

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

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

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(51)⁷ A61K 31/473, 9/00, A61P 15/10

(11) WO 2004/089374 (13) A1

(21) PCT/GB2004/001627

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/413,022 14 Apr/avr 2003 US (14.04.2003)

(30) 10/621,964 17 Jul/juil 2003 US (17.07.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PHARMACEUTICAL COMPOSITIONS COMPRISING APOMORPHINE FOR PULMONARY INHALATION

• COMPOSITIONS PHARMACEUTIQUES COMPRENANT DE L'APOMORPHINE POUR L'INHALATION PULMONAIRE

(71) VECTURA LTD [GB/GB]; 1 Prospect West, Chippenham, Wiltshire SN14 6FH (GB).

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(72, 75) STANIFORTH, John, Nicholas [GB/GB]; 1 Prospect West, Chippenham, Wiltshire SN14 6FH (GB). MORTON, David [GB/GB]; 1 Prospect West, Chippenham, Wiltshire SN14 6FH (GB).

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HARMER, Quentin [GB/GB]; 1 Prospect West, Chippenham, Wiltshire SN14 6FH (GB).

GANDERTON, David [GB/GB]; 1 Prospect West, Chippenham, Wiltshire SN14 6FH (GB).

(74) GILL, Sian et al. / etc.; Venner, Shipley LLP, 20 Little Britain, London EC1A 7DH (GB).

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

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

MC NL PL PT RO SE SI 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 31/485, 31/48, 31/428, 31/381, 31/4045, A61P 25/16

(11) WO 2004/089375 (13) A1

(21) PCT/US2004/010270

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,315 31 Mar/mar 2003 US (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • IMPLANTABLE POLYMERIC DEVICE FOR SUSTAINED RELEASE OF DOPAMINE AGONIST

• DISPOSITIF POLYMERIE IMPLANTABLE POUR LIBERATION PROLONGEE D'AGONISTE DE LA DOPAMINE

(71) TITAN PHARMACEUTICALS, INC. [US/US]; 400 Oyster Point Blvd., Suite 505, South San Francisco, CA 94080-1021 (US).

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(72, 75) PATEL, Rajesh, A. [US/US]; 12 Bennett Road, Redwood City, CA 94062 (US).

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COSTANTINI, Lauren [US/US]; 459 33rd Avenue, San Francisco, CA 94121 (US).

KLEPPNER, Sofie [US/US]; 1107 Laguna Avenue, Burlingame, CA 94010 (US).

(74) JACOBSON, Jill, A. et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61K 31/485

(11) WO 2004/089376 (13) A2

(21) PCT/US2004/009990

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,830 1 Apr/avr 2003 US (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • IDENTIFICATION AND TARGETING OF CONSENSUS SITES BY WHICH DYNORPHIN EXERTS ITS NEUROTOXIC EFFECTS ENABLES ANALGESIA WITHOUT NEUROTOXICITY

- IDENTIFICATION ET CIBLAGE DE SITES CONSENSUS AU MOYEN DES QUELS LA DYNORPHINE EXERCE SES EFFETS NEUROTOXIQUES PERMETTANT L'ANALGESIE SANS NEUROTOXICITE

(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY DEPARTMENT OF HEALTH AND HUMAN SERVICES** [US/US]; National Institutes of Health, Office of Technology Transfer, 6011 Executive Blvd., Suite 325, Rockville, MD 20852-3804 (US).

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(72, 75) **WOODS, Amina, S.** [US/US]; 7933 Stevenson Road, Pikesville, MD 21208 (US). **SHIPPENBERG, Toni, S.** [US/US]; 2 Bouton Green Ct., Baltimore, MD 21210 (US). **SHARPE, Lawrence** [US/US]; 9526 Clocktower Lane, Columbia, MD 21046-1876 (US).

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

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **A61K 31/495, 31/496, A61P 29/00, 9/10, 25/08, 25/22, 25/24**

(11) **WO 2004/089377** (13) A1

(21) PCT/CA2004/000535

(22) **8 Apr/avr 2004 (08.04.2004)**

(25) en (26) en

(30) 10/409,763 **8 Apr/avr 2003 US (08.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • **CALCIUM CHANNEL BLOCKERS COMPRISING TWO BENZHYDRIL MOIETIES**

- **INHIBITEURS CALCIIQUES COMPORTANT DEUX FRACTIONS DE BENZHYDRILE**

(71) **NEUROMED TECHNOLOGIES, INC.** [CA/CA]; Suite 301, 2389 Health Sciences Mall, Vancouver, British Columbia V6T 1Z4 (CA).

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

(72, 75) **BELARDETTI, Francesco** [IT/CA]; 4443 West 4th Avenue, Vancouver, British Columbia V6R 1P9 (CA). **PAJOUHESH, Hassan** [CA/CA]; #606, 1010 Pacific Boulevard, Vancouver, British Columbia V6Z 2X8 (CA). **PAJOUHESH, Hossein** [CA/CA];

#507, 4758 Grange Street, Burnaby, British Columbia V5H 1R2 (CA). **SNUTCH, Terrence, P.** [CA/CA]; 3963 West 24th Avenue, Vancouver, British Columbia V6S 1M1 (CA). **ZAMPONI, Gerald, W.** [AT/CA]; Box 21, Site 9, RR 2, Cochrane, Alberta T4C 1A2 (CA).

(74) **ROBINSON, J., Christopher et al.** / etc.; Fetherstonhaugh & Co., Box 11560 Vancouver Centre, Suite 2200, 650 West Georgia Street, Vancouver, British Columbia V6B 4N8 (CA).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 31/5025, 31/43, 31/7048, 45/00, C07D 487/04, A61P 1/04, 31/04**

(11) **WO 2004/089378** (13) A1

(21) PCT/JP2004/004690

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) ja (26) ja

(30) 2003-101097 **4 Apr/avr 2003 JP (04.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • **MEDICINAL COMPOSITION CONTAINING PYRROLOPYRIDAZINE DERIVATIVE**

- **COMPOSITION PHARMACEUTIQUE CONTENANT UN DERIVE DE PYRROLOPYRIDAZINE**

(71) **SANKYO COMPANY, LIMITED** [JP/JP]; 5-1, Nihonbashi Honcho 3-chome, Chuo-ku, Tokyo 103-8426 (JP). **UBE INDUSTRIES, LTD.** [JP/JP]; 1978-96, O-aza Kogushi, Ube-shi, Yamaguchi 755-8633 (JP).

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(72, 75) **KOGA, Tetsufumi** [JP/JP]; c/o Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). **HAGIHARA, Masahiko** [JP/JP]; c/o Ube Research Laboratory, Ube Industries, Ltd., 1978-5, O-aza Kogushi, Ube-shi, Yamaguchi 755-8633 (JP).

(74) **KUMAKURA, Yoshio et al.** / etc.; Nakamura & Partners, Shin-tokyo Bldg., 3-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8355 (JP).

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

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

(51)⁷ **A61K 31/5415, 45/06, A61P 13/08 // (A61K 31/5415, 31:18)**

(11) **WO 2004/089379** (13) A2

(21) PCT/EP2004/003533

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 103 15 702.6 **7 Apr/avr 2003 DE (07.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • **PHARMACEUTICAL COMBINATION FOR TREATING BENIGN PROSTATIC HYPERPLASIA OR FOR TREATING ABACTERIAL PROSTATITIS**

- **COMBINAISON PHARMACEUTIQUE POUR TRAITER L'HYPERPLASIE PROSTATIQUE BENIGNE OU LA PROSTATITE ABACTERIENNE**

(71) **BOEHRINGER INGELHEIM INTERNATIONAL GMBH** [DE/DE]; Binger Strasse 173, 55216 Ingelheim am Rhein (DE).

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

(71) **BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG** [DE/DE]; Binger Str. 173, 55216 Ingelheim (DE).

(only for / seulement pour DE)

(72, 75) **BAIKER, Wolfgang** [DE/DE]; Kurt-Schumacher Str. 41, 55546 Volkheim (DE). **MEHLBURGER, Ludwig** [DE/DE]; Heckengasse 5, 55411 BINGEN (DE).

(74) **BOEHRINGER INGELHEIM INTERNATIONAL GMBH**; Binger Strasse 173, 55216 Ingelheim am Rhein (DE).

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

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

(51)⁷ **A61K 31/5513, 31/519, 31/4985, 31/4745, A61P 3/04**

(11) **WO 2004/089380** (13) A2

(21) PCT/DK2004/000251

(22) **6 Apr/avr 2004 (06.04.2004)**

(25) en (26) en

(30) PA 2003 00571 **11 Apr/avr 2003 DK (11.04.2003)**

(30) 60/467,284 **2 May/mai 2003 US (02.05.2003)**

- (30) PA 2003 00776 **22 May/mai 2003** DK
(22.05.2003)
- (30) 60/475,157 **2 Jun/juin 2003** US
(02.06.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PHARMACEUTICAL USE OF FUSED
1,2,4-TRIAZOLES
• UTILISATION PHARMACEUTIQUE
DE 1,2,4-TRIAZOLES FUSIONNES
- (71) NOVO NORDISK A/S [DK/DK]; Novo
Allé, Bagsværd, 2880 (DK).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) ANDERSEN, Henrik, Sune [DK/DK];
Gustav Adolfs Vej 2, Kgs. Lyngby, 2800
(DK). KAMPEN, Gita, Camilla, Tejl-
gaard [DK/DK]; Gærdebuen 18, Nærum,
2850 (DK). CHRISTENSEN, Inge, Thøger
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2800 (DK). MOGENSEN, John, Patrick
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LARSEN, Annette, Rosendal [DK/DK];
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- (74) NOVO NORDISK A/S; Corporate Patents,
Novo Allé, Bagsværd, 2880 (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ A61K 31/5575, A61P 9/10
- (11) WO 2004/089381 (13) A1
- (21) PCT/US2004/009841
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 60/459,896 **2 Apr/avr 2003** US
(02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROSTAGLANDIN COMPOSITIONS
AND THEIR USE FOR THE TREAT-
MENT OF VASOSPASM
• COMPOSITIONS DE PROSTAGLAN-
DINE ET LEUR UTILISATION DANS
LE TRAITEMENT DU SPASME VAS-
CULAIRE
- (71) NEXMED (HOLDINGS), INC. [US/US];
350 Corporate Drive, Robbinsville, NJ 08691
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les États désignés sauf US)*
- (72, 75) WEN, Tian [CN/CN]; Room 10-5,
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- (74) ZIMMERMAN, Roger, P. et al. / etc.;
Bowditch & Dewey LLP, 161 Worcester
Road, Framingham, MA 01701-9320 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ A61K 31/7068, 31/7072, 31/536, A61P
31/18
- (11) WO 2004/089382 (13) A1
- (21) PCT/GB2004/001612
- (22) 14 Apr/avr 2004 (14.04.2004)
- (25) en (26) en
- (30) 0308603.0 **14 Apr/avr 2003** GB
(14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PHARMACEUTICAL COMBINATIONS
COMPRISING LAMIVUDINE, ZI-
DOVUDINE AND EFAVIRENZ FOR
TREATING VIRAL INFECTIONS
• COMBINAISONS PHARMACEU-
TIQUES COMPRENANT DE LA LAMI-
VUDINE, DE LA ZIDOVUDINE ET DE
L'EFAVIRENZ POUR LE TRAITEMENT
D'INFECTIONS VIRALES
- (71) CIPLA LIMITED [IN/IN]; 289 Bellasis
Road, Mumbai central, Mumbai 400 008
(IN).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (71) WAIN, Christopher, Paul [GB/GB]; AA
Thornton & Co., 235 High Holborn, London
WC1V 7LE (GB).
(only for / seulement pour MW)
- (72, 75) HAMIED, Yusuf, Khwaja [IN/IN];
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Maharashtra (IN). MALHOTRA, Geena
[IN/IN]; 4 Anderson House, Opposite Maz-
gaon Post Office, Mazgaon, Mumbai 400
010, Maharashtra (IN).
- (74) WAIN, Christopher, Paul 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ A61K 33/44, A61P 19/08, 13/12
- (11) WO 2004/089384 (13) A1
- (21) PCT/JP2004/004839
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) ja (26) ja
- (30) 2003-100272 **3 Apr/avr 2003** JP
(03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)

(54) • REMEDY OR PREVENTIVE FOR LOW TURNOVER BONE DISEASES

- REMEDE OU PREVENTION POUR DES TROUBLES DE FAIBLE RENOUVELLEMENT DES CELLULES OSSEUSES

(71) KUREHA CHEMICAL INDUSTRY CO. LTD. [JP/JP]; 9-11, Nihon-bashihoridome-cho 1-chome, Chuo-ku Tokyo, 1038552 (JP).

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(72, 75) YAMATO, Hideyuki, [JP/JP]; 24-21, Takenotsuka 5-chome, Adachi-ku, Tokyo, 1210813 (JP).

(74) MORITA, Kenichi,; 5th Fl., Itabashi-chuo Bldg., 67-8, Itabashi 2-chome, Itabashi-ku, Tokyo, 1730004 (JP).

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

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

(51)⁷ A61K 35/00

(11) WO 2004/089385 (13) A2

(21) PCT/IN2003/000331

(22) 23 Jun/juin 2003 (23.06.2003)

(25) en (26) en

(30) 552/MUM/2002 24 Jun/juin 2002 IN (24.06.2002)

(30) 655/MUM/2002 19 Jul/juil 2002 IN (19.07.2002)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AN AYURVEDIC NUTRICINAL PREPARATION

- PREPARATION NUTRACEUTIQUE AYURVEDIQUE

(71, 72) JOSEPH, Anthony, Devasia [IN/IN]; Rose, S.No. 48/11A, Samata Colony, Rahatni, Pimpri, Pune 411 042, Maharashtra (IN).

(74) CHANDRASEKHAR, Usha, A.; 3E1, Court Chambers, New Marine Lines, Mumbai 400 020 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 35/54, 39/395, A61P 3/04, A23L 1/32, 1/30

(11) WO 2004/089386 (13) A1

(21) PCT/JP2004/005006

(22) 7 Mar/mar 2004 (07.03.2004)

(25) ja (26) ja

(30) 2003-106670 10 Apr/avr 2003 JP (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ANTI-OBESITIC AGENT USING HEN'S EGG ANTIBODY AGAINST DIGESTIVE ENZYMES

- AGENT ANTI-OBESITE DANS LEQUEL SONT UTILISES DES ANTICORPS D'OEUF DE POULE CONTRE LES ENZYMES DIGESTIVES

(71) GHEN CORPORATION [JP/JP]; 296-1, Oritate, Gifu-shi, Gifu, 5011132 (JP).

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

(72, 75) KODAMA, Yoshikatsu [JP/JP]; c/o Immunology Research Institute, GHEN CORPORATION, 839-1, Sano, Gifu-shi, Gifu, 5011101 (JP). GOSHIMA, Hideo [JP/JP]; c/o Immunology Research Institute, GHEN CORPORATION, 839-1, Sano, Gifu-shi, Gifu, 5011101 (JP).

(74) HIRAKI, Yusuke et al. / etc.; Toranomon No.5 Mori Building Third Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo, 1050001 (JP).

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

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

(51)⁷ A61K 35/78

(11) WO 2004/089387 (13) A1

(21) PCT/BR2004/000043

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) PI0301799-0 9 Apr/avr 2003 BR (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • USE OF THE EXTRACTION PROCESS TO OBTAIN EXTRACT, SAP, TINCTURE, PULP AND BY-PRODUCTS FROM "DICKSONIA SELLOWIANA" - PRESL - HOOKER 1844, FOR USING AT THE HUMAN, INDUSTRIAL AND PHARMACOLOGICAL CHEMISTRY, HUMAN AND ANIMAL, MEDICINAL, PHYTOMEDICINAL, NUTRICEUTRIC.

• UTILISATION D'UN PROCEDE D'EXTRACTION PERMETTANT D'OBTENIR UN EXTRAIT, DE LA SEVE, DE LA TEINTURE DE LA PULPE ET DES SOUS-PRODUITS DERIVES DE DICKSONIA SELLOWIANA - PRESL - HOOKER 1844, UTILISES DANS LA CHIMIE HUMAINE, INDUSTRIELLE ET PHARMACOLOGIQUE, DANS LA BIOLOGIE HUMAINE ET ANIMALE ET DANS LA MEDECINE PHYTOMEDICALE ET

(71, 72) FERREIRA, Elzo [BR/BR]; Rua Domingos Nascimento, 500 - Apt. 33, Centro Cívico, Curitiba 80520-200 (BR).

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

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

Published / Publiée : (c)

(51)⁷ A61K 35/78, A61P 17/14

(11) WO 2004/089388 (13) A1

(21) PCT/CN2003/000257

(22) 11 Apr/avr 2003 (11.04.2003)

(25) zh (26) zh

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • THE READY-PREPARED CHINESE MEDICINE FOR TREATMENT OF HAIR LOSS AND PROCESS OF MANUFACTURING THEREOF

- MEDICAMENT CHINOIS PRET A L'EMPLOI POUR LE TRAITEMENT DE LA PERTE DES CHEVEUX ET SON PROCEDE DE FABRICATION

(71) SICHUAN DIKANG INDUSTRY HOLDINGS GROUP CO., LTD. [CN/CN]; No.1-404 Keyuan 2nd Road, High-Tech District, Chengdu, Sichuan 610041 (CN).

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(72, 75) YIN, Hai [CN/CN]; No.1-404 Keyuan 2nd Road, High-Tech District, Chengdu, Sichuan 610041 (CN). ZENG, Yanming [CN/CN]; No.1-404 Keyuan 2nd Road, High-Tech District, Chengdu, Sichuan 610041 (CN). SUN, Jilin [CN/CN]; No.1-404 Keyuan 2nd Road, High-Tech District, Chengdu, Sichuan 610041 (CN).

(74) CHINA TRADEMARK & PATENT LAW OFFICE CO., LTD.; Yuxin Building, 14 Yuetan Nanjie, Xicheng District, Beijing 100045 (CN).

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

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

Declarations / Déclarations :

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

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

(51)⁷ A61K 35/78, A61P 19/10

(11) WO 2004/089389 (13) A1

(21) PCT/CN2004/000328

(22) 9 Apr/avr 2004 (09.04.2004)

(25) zh (26) zh

(30) 03116352.1 11 Apr/avr 2003 CN (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PHARMACEUTICAL COMPOSITION FOR PREVENTION AND TREATMENT OF OSTEOPOROSIS AND ITS PREPARATION

• COMPOSITION PHARMACEUTIQUE UTILISEE DANS LA PREVENTION ET LE TRAITEMENT DE L'OSTEOPOROSE ET PREPARATION CORRESPONDANTE

(71) NULIV BIOMEDICINE INC. [CN/CN]; Suite A111, No. 518 Bibo Road, Zhangjiang Hi-Tech Park, Pudong New District, Shanghai 201203 (CN).
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(72) WANG, Hsiang; Room 2812, 28F., No. 333, Sec.1, Keelung Rd., Sinyi District, Taipei 110, Taiwan (CN). MAO, Yulin; Room 2812, 28F., No. 333, Sec.1, Keelung Rd., Sinyi District, Taipei 110, Taiwan (CN).

(74) WATSON & BAND LAW OFFICE; 26th Floor, WenXin United Press Tower, 755 Wei Hai Road, Shanghai 200041 (CN).

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

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

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

Declarations / Déclarations :

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

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

(51)⁷ A61K 35/78

(11) WO 2004/089390 (13) A2

(21) PCT/FR2004/000788

(22) 30 Mar/mar 2004 (30.03.2004)

(25) fr (26) fr

(30) 03/04003 1 Apr/avr 2003 FR (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • USE OF QUINQUINA FOR THE PREPARATION OF A MEDICAMENT STIMULATING ANGIOGENESIS

• UTILISATION DU QUINQUINA POUR LA PREPARATION D'UN MEDICAMENT STIMULANT L'ANGIOGENESE

(71) PIERRE FABRE DERMO-COSMETIQUE [FR/FR]; 45, Place Abel-Gance, F-92100 Boulogne-Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FABRE, Bernard [FR/FR]; Ensemey, F-31450 Belberaud (FR). FORT-LACOSTE, Lydie [FR/FR]; 184, chemin des Condoumines, F-31860 Labarthe sur Leze (FR). JEANJEAN, Michel [FR/FR]; 17, avenue du Moulin, F-31320 Castanet-Tolosan (FR).

(74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Regimbeau, 20 rue de Chazelles, F-75847 Paris Cedex 17 (FR).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 35/78, A61P 17/10

(11) WO 2004/089391 (13) A1

(21) PCT/IN2003/000153

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COSMETIC POWDER FOR TREATMENT OF ACNE AND METHOD OF MAKING THE SAME

• POUDRE COSMETIQUE POUR LE TRAITEMENT DE L'ACNE, ET PROCEDE D'ELABORATION

(71) JOHNSON & JOHNSON LIMITED [IN/IN]; 30 Forjett Street, Mumbai 400 036, Maharashtra (IN).

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

(72, 75) GODE, Vaishali [IN/IN]; Garden Enclave, Flat No 704, Bldg 4(A) 1, Pokhran Road No 2, Behind Vasant Vihar, Thane (W), Maharashtra (IN). KHAIAT, Alain [FR/SG]; 3 Meyer Place, No 9, 01, Singapore 437991 (SG). GOMES, Anna [AU/AU]; 15 Macarthur Parade, Dulwichhill, Sydney, NSW 2203 (AU). MANKE, Ajit [IN/IN]; A-4 Nahur Villa, Opposite St Pius Church, Nahur Road, Mulund (W), Mumbai 400 080, Maharashtra (IN).

(74) DEPENNING, Robert, G.; Depenning & Depenning, Alaknanda, 16 Nepean Sea Road, Mumbai 400 036, Maharashtra (MU).

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

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

Declarations / Déclarations :

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

(51)⁷ A61K 35/78

(11) WO 2004/089392 (13) A1

(21) PCT/US2004/010279

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,736 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FORMULATION OF DUAL CYCLOXYGENASE (COX) AND LIPOXYGENASE (LOX) INHIBITORS FOR MAMMAL SKIN CARE

• FORMULATION DESTINEE A INHIBER LA CYCLOOXYGENASE (COX) ET LA LIPOXYGENASE (LOX) UTILISEE DANS LES SOINS CUTANES

(71) UNIGEN PHARMACEUTICALS, INC. [US/US]; 2660 Willamette Dr., N.E., Lacey, WA 98516 (US).

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

(72, 75) JIA, Qi [US/US]; 477 Jasper Way, Superior, CO 80027 (US). BURNETT, Bruce [US/US]; 19772 E. Stanford Drive, Centennial, CO 80025 (US).

(74) KELLOGG, Rosemary et al. / etc.; Swanson & Bratschun, L.L.C., 1745 Shea Center Drive, Suite 330, Highlands Ranch, CO 80129 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61K 35/84, 7/00, 7/48, A61P 17/16, A23L 1/30, C12N 9/99

(11) WO 2004/089393 (13) A1

(21) PCT/JP2004/005094

(22) 8 Apr/avr 2004 (08.04.2004)

(25) ja (26) ja

(30) 2003-104144 8 Apr/avr 2003 JP (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PHOTOAGING INHIBITOR, PHOTOAGING-IMPROVING AGENT, COLLAGENASE INHIBITOR AND TYROSINASE INHIBITOR

• INDICATEUR DE PHOTOVIEILLISSEMENT, AGENT AMELIORANT LE PHOTOVIEILLISSEMENT, INHIBITEUR DE COLLAGENASE ET INHIBITEUR DE TYROSINASE

(71) NIPPON ZETTO CO., LTD. [JP/JP]; 3-26, Kudanminami 2-chome, Chiyoda-ku, Tokyo 102-0074 (JP). YUKIGUNI MATTAKE CO., LTD. [JP/JP]; 89, Oaza Yokawa, Muikamachi, Minami-Uonuma-gun, Niigata 949-6695 (JP).

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(72, 75) SUGIYAMA, Shinji [JP/JP]; 201, Grand Soleil, 5-13-16, Tobio, Atsugi-shi, Kanagawa 243-0204 (JP). KONDO, Keiichiro [JP/JP]; 3-20-7, Kobuchi, Sagami-hara-shi, Kanagawa 229-0004 (JP). YASUMURO, Misao [JP/JP]; 3-32-22-201, Yokodai, Isogo-ku,

Yokohama-shi, Kanagawa 235-0045 (JP). WATANABE, Masataka [JP/JP]; 729-2, Tashita-machi, Utsunomiya-shi, Tochigi 321-0343 (JP). TAKEYAMA, Masahide [JP/JP]; 33-2, Plaza, Nishi-ku, Saitama-shi, Saitama 331-8587 (JP).

(74) KUMAKURA, Yoshio et al. / etc.; NAKAMURA & PARTNERS, Shin-Tokyo Bldg., 3-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8355 (JP).

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

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

(51)⁷ A61K 38/00

(11) WO 2004/089394 (13) A2

(21) PCT/DK2004/000266

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) PA 2003 00549 9 Apr/avr 2003 DK (09.04.2003)

(30) PA 2003 00714 10 May/mai 2003 DK (10.05.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TREATMENT OF SARS IN INDIVIDUALS

• TRAITEMENT DU SARS

(71) NATIMMUNE A/S [DK/DK]; Fruebjergvej 3, DK-2100 Copenhagen Ø (DK).

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(72, 75) AARHUS UNIVERSITET [DK/DK]; Nordre Ringgade 1, DK-8000 Aarhus C (DK). KONGERSLEV, Leif [DK/DK]; Biskop Svanes Vej 39, DK-3460 Birkerød (DK). WEILGUNY, Dietmar [DK/DK]; Lindevang 61, DK-2830 Virum (DK). MATTHIESEN, Finn [DK/DK]; Bækkeskovvej 64, DK-2700 Brønshøj (DK). JENSENIUS, Jens, Christian [DK/DK]; Finsens Allé 28, DK-5230 Odense M (DK).

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

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

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

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

Declaration / Déclaration :

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

(51)⁷ A61K 38/00

(11) WO 2004/089395 (13) A2

(21) PCT/US2004/009959

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,522 1 Apr/avr 2003 US (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • USE OF AN INHIBITOR OF CATHEPSIN-S OR -B TO TREAT OR PREVENT CHRONIC OBSTRUCTIVE PULMONARY DISEASE

• UTILISATION D'UN INHIBITEUR DE LA CATHEPSINE-S OU -B AFIN DE TRAITER OU DE PREVENIR LES MALADIES PULMONAIRES OBSTRUCTIVES CHRONIQUES

(71) AVENTIS PHARMACEUTICALS INC. [US/US]; 300 Somerset Corporate Boulevard, Bridgewater, New Jersey 08807-2854 (US). YALE UNIVERSITY [US/US]; Two Whitney Avenue, New Haven, Connecticut 06511 (US).

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

(72, 75) ZHENG, Tao [US/US]; 59 North Racebrook Rd., Woodbridge, Connecticut 06525 (US). ELIAS, Jack [US/US]; 64 Old Quarry Rd., Woodbridge, Connecticut 06525 (US). UNDERWOOD, Stephen [GB/US]; 9 Encampment Drive, Bedminster, New Jersey 07921 (US).

(74) WANG, George, G. et al. / etc.; Route 202-206, P. O. Box 6800, Bridgewater, New Jersey 08807 (US).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)⁷ A61K 38/16
(11) WO 2004/089396 (13) A2
(21) PCT/IB2004/001523
(22) 7 Apr/avr 2004 (07.04.2004)
(25) en (26) en
(30) 60/461,109 7 Apr/avr 2003 US
(07.04.2003)
(30) 10/819,375 5 Apr/avr 2004 US
(05.04.2004)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • ANTI-FUNGAL COMPOUNDS AND METHODS OF USE
• COMPOSES ANTIFONGIQUES ET LEURS PROCÉDES DE MISE EN ŒUVRE

(71) CANBAS CO., LTD. [JP/JP]; Makiya Building 5F, 9 Tooriyoko-cho, Numazu City, Shizuoka 410-0891 (JP).
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(72, 75) KAWABE, Takumi [JP/JP]; 1338-30 Okanomiya, Numazu-city, Shizuoka 410-0011 (JP). KOBAYASHI, Hidetaka [JP/JP]; Daiaparesu Numazu 801, 10-50 Shouei-cho, Numazu-city, Shizuoka 410-0047 (JP).

(74) YASUMURA, Takaaki; Shusaku Yamamoto, Fifteenth Floor, Crystal Tower, 1-2-27, Shiromi, Chuo-ku, Osaka 540-6015 (JP).

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

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

Declaration / Déclaration :
(u) for / pour US only / seulement

- (51)⁷ A61K 38/16
(11) WO 2004/089397 (13) A2
(21) PCT/IB2004/050353
(22) 29 Mar/mar 2004 (29.03.2004)
(25) en (26) en
(30) 03100912.9 7 Apr/avr 2003 EP
(07.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • METHOD AND APPARATUS FOR GROUPING CONTENT ITEMS
• PROCÉDE ET APPAREIL POUR LE GROUPEMENT DE FORMATS DE CONTENU
(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 GAGELDONK, Johan, S., H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JOCHEMSEN, Robert [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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

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

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

- (51)⁷ A61K 38/17, 38/46, A61P 31/10
(11) WO 2004/089398 (13) A1
(21) PCT/EP2004/003808
(22) 8 Apr/avr 2004 (08.04.2004)
(25) en (26) en
(30) 03008195.4 8 Apr/avr 2003 EP
(08.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FUNGAL VACUOLAR PROTEINS AS A TARGET FOR ANTIFUNGAL AGENTS
• PROTÉINES FONGIQUES VACUOLAIRES UTILISÉES EN TANT QUE CIBLES POUR AGENTS ANTIFONGIQUES

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(74) BÖHM, Brigitte; Weickmann & Weickmann, Postfach 860 820, 81635 München (DE).

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

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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- (11) WO 2004/089399 (13) A1
(21) PCT/JP2004/003480
(22) 16 Mar/mar 2004 (16.03.2004)
(25) ja (26) ja
(30) 2003-098561 1 Apr/avr 2003 JP
(01.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NOVEL USES OF RFRP AND OT7T022
• NOUVELLES APPLICATIONS DE RFRP ET OT7T022

(71) TAKEDA CHEMICAL INDUSTRIES LTD. [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
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(72, 75) MATSUMOTO, Hirokazu [JP/JP]; 35-10, Kasuga 2-chome, Tsukuba-shi, Ibaraki 305-0821 (JP). NOGUCHI, Jiro [JP/JP]; 10-19-I-205, Ninomiya 1-chome, Tsukuba-shi, Ibaraki 305-0051 (JP). KITADA, Chieko [JP/JP]; 2-8, Minamikoyochi 1-chome, Sakai-shi, Osaka 590-0073 (JP). HINUMA, Shuji [JP/JP]; 7-9-1402, Kasuga 1-chome, Tsukuba-shi, Ibaraki 305-0821 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

- (51)⁷ A61K 38/18, 38/19, 47/42, A61P 9/04, 9/10
(11) WO 2004/089400 (13) A1
(21) PCT/JP2003/004164
(22) 1 Apr/avr 2003 (01.04.2003)
(25) ja (26) ja
(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • REMEDY FOR CARDIOMYOPATHY
• MEDICAMENT CONTRE LA CARDIOMYOPATHIE
- (71, 72) TABATA, Yasuhiko [JP/JP]; 8-16, Biwadaai 3-chome, Uji-shi, Kyoto 611-0024 (JP). KOMEDA, Masashi [JP/JP]; 256, Daimon-cho, Sawaragi-cho Kudaru, Muro-machidori, Kamigyo-ku, Kyoto-shi, Kyoto 602-8024 (JP).
- (74) TSUKUNI, Hajime; SVAX TS Bldg., 22-12, Toranomom 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 38/18, 38/19, 47/42, A61P 9/00, 9/10
(11) WO 2004/089401 (13) A1
(21) PCT/JP2003/004165
(22) 1 Apr/avr 2003 (01.04.2003)
(25) ja (26) ja
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • REMEDY FOR ISCHEMIA
• MEDICAMENT CONTRE L'ISCHEMIE
- (71, 72) TABATA, Yasuhiko [JP/JP]; 8-16, Biwadaai 3-chome, Uji-shi, Kyoto 611-0024 (JP). KOMEDA, Masashi [JP/JP]; 256, Daimon-cho, Sawaragi-cho Kudaru, Muro-machidori, Kamigyo-ku, Kyoto-shi, Kyoto 602-8024 (JP).
- (74) TSUKUNI, Hajime; SVAX TS Bldg., 22-12, Toranomom 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 38/38, B01D 61/14
(11) WO 2004/089402 (13) A1
(21) PCT/JP2004/005061
(22) 8 Apr/avr 2004 (08.04.2004)
(25) ja (26) ja
(30) 2003-105493 9 Apr/avr 2003 JP (09.04.2003)
(30) 2003-105492 9 Apr/avr 2003 JP (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROCESS FOR PRODUCING ALBUMIN PREPARATION
• PROCEDE POUR PRODUIRE UNE PREPARATION D'ALBUMINE
- (71) JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE [JP/JP]; 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (JP).
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- (72, 75) TAGAWA, Rikiichi [JP/JP]; c/o Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (JP). HAYASE, Yoshihiro [JP/JP]; c/o Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (JP). MAEMURA, Kota [JP/JP]; c/o Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (JP). TANIGAWA, Hisashi [JP/JP]; c/o Juridical Foundation the Chemo-Sero-Therapeutic Research Institute, 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (JP).
- (74) KAWAMIYA, Osamu 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 38/38, 35/14, A61P 7/08
(11) WO 2004/089403 (13) A1
(21) PCT/JP2004/005086
(22) 8 Apr/avr 2004 (08.04.2004)
(25) ja (26) ja
(30) 2003-105494 9 Apr/avr 2003 JP (09.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD OF REMOVING ALBUMIN AGGREGATE AND/OR CONTAMINATED PROTEIN
• PROCEDE PERMETTANT D'ELIMINER UN AGREGAT D'ALBUMINE ET/OU UNE PROTEINE CONTAMINEE
- (71) JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE [JP/JP]; 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAYASE, Yoshihiro [JP/JP]; c/o Juridical foundation The Chemo-Sero-Therapeuti, c Research Institute, 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (JP). MAEMURA, Kota [JP/JP]; c/o Juridical foundation The Chemo-Sero-Therapeuti, c Research Institute, 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (JP). TAGAWA, Rikiichi [JP/JP]; c/o Juridical foundation The Chemo-Sero-Therapeuti, c Research Institute, 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (JP). TANIGAWA, Hisashi [JP/JP]; c/o Juridical foundation The Chemo-Sero-Therapeuti, c Research Institute, 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (JP).
- (74) KAWAMIYA, Osamu 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 38/42, C07K 14/805, 14/765
(11) WO 2004/089404 (13) A1
(21) PCT/CN2004/000091
(22) 2 Feb/fév 2004 (02.02.2004)
(25) zh (26) zh
(30) 03109622.0 9 Apr/avr 2003 CN (09.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • HEMOGLOBIN CONJUGATE AND THE PREPARATION METHOD AND ITS USE
• CONJUGAT D'HEMOGLOBINE, SON PROCEDE DE PREPARATION ET SON UTILISATION
- (71, 72) SU, Zhiguo [CN/CN]; No. 1 Bei Er Tiao Zhongguancun, Haidian District, Beijing 100080 (CN). LU, Xiuling [CN/CN]; No. 1 Bei Er Tiao Zhongguancun, Haidian District, Beijing 100080 (CN). ZHENG, Chunyang [CN/CN]; No. 1 Bei Er Tiao Zhongguancun, Haidian District, Beijing 100080 (CN). XU, Yuhong [CN/CN]; No. 1 Bei Er Tiao Zhongguancun, Haidian District, Beijing 100080 (CN).
- (74) SHANGHAI XIN TIAN PATENT AGENT CO., LTD; Rm 1606 No.59 Nanchang Road, Shanghai 200020 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declarations / Déclarations :

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

(51)⁷ A61K 38/46, 31/726, 38/39, A61P 19/02, 37/06

(11) WO 2004/089405 (13) A1

(21) PCT/GB2004/001562

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 0307989.4 7 Apr/avr 2003 GB (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • THERAPEUTIC COMPOSITION FOR AUTOIMMUNE CONDITIONS

• COMPOSITIONS THERAPEUTIQUES POUR PATHOLOGIES AUTO-IMMUNES

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(72, 75) MCEWEN, Simon [GB/GB]; McEwen Laboratories Limited, 12 Horseshoe Park, Pangbourne, Berkshire RG8 7JW (GB).

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

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

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(22) 9 Apr/avr 2003 (09.04.2003)

(25) es (26) es

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TOPICAL COMPOSITION IN THE FORM OF A GEL FOR TREATING SKIN BURNS

• COMPOSITION TOPIQUE SOUS FORME DE GEL POUR LE TRAITEMENT DE BRULURES DE LA PEAU

(71, 72) GOMEZ TORRES, Harold, Armando [CO/CO]; Carrera 22 # 85-98, Oficina 505, 8 Bogotá (CO).

(74) FERRERO, Emilio; CAVELIER ABOGADOS, EDIFICIO SISKI, Carrera 4 # 72-35, Piso 4, 8 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 39/02

(11) WO 2004/089407 (13) A2

(21) PCT/US2004/009838

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,056 31 Mar/mar 2003 US (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ZWITTERIONIC IMMUNOMODULATORS FOR THE TREATMENT OF ASTHMA AND ALLERGY

• IMMUNOMODULATEURS ZWITTERIONIQUES DESTINES AU TRAITEMENT DE L'ASTHME ET DES ALLERGIES

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(72, 75) TZIANABOS, Arthur, O. [US/US]; 37 Hampshire Road, Reading, MA 01867 (US). KASPER, Dennis, L. [US/US]; 48 Monument Avenue, Charlestown, MA 02129 (US).

(74) STEELE, Alan, W.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

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

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

(51)⁷ A61K 39/095

(11) WO 2004/089408 (13) A2

(21) PCT/GB2004/001504

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 0308691.5 7 Apr/avr 2003 GB (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • VACCINE PREPARATIONS

• PREPARATIONS DE VACCINS

(71) XENOVA RESEARCH LIMITED [GB/GB]; 310 Cambridge Science Park, Milton Road, Cambridge CB4 0WG (GB).

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(72, 75) MCCLEAN, Cornelia, Suzanna [GB/GB]; 8 Windsor Road, Cambridge CB4 3JW (GB). KEEN, Simon, William [GB/GB]; 59 High Street, West Wickham, Cambridge CB1 6SB (GB). MARTIN, Gillian, May [GB/GB]; 56 Eden Street, Cambridge CB1 1EL (GB).

(74) DUCKWORTH, Timothy, John; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).

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

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

(51)⁷ A61K 41/00

(11) WO 2004/089409 (13) A2

(21) PCT/EP2004/003809

(22) 8 Apr/avr 2004 (08.04.2004)

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(30) 103 16 566.5 10 Apr/avr 2003 DE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AGENT FOR THE PHOTODYNAMIC DIAGNOSIS AND THERAPY OF MALIGNANT TUMORS

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(71) HAEMATOLOGIE-SCIENCE GMBH [DE/DE]; Biotechnologiepark, TGZ III, 14943 Luckenwalde (DE).

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(72, 75) PETROV, Peter [BY/BY]; Surganova str. 22-16, Minsk, 220012 (BY). TRUKHACHEVA, Tatsiana [BY/BY]; Leschinskogo Str. 7-481, Minsk, 220140 (BY). ISAKAU, Henadz [BY/BY]; Gorodetskaya Str. 32-27, Minsk, 220125 (BY). HAURYLAU, Mikhail [BY/BY]; Kirova Str. 8-26, Minsk, 220050 (BY). KAPLAN, Mikhail [RU/RU]; Kaluzhskaya oblast, K. Marks str. 57-44, Obninsk, 249020 (RU).

(74) WEICKMANN & WEICKMANN et al. / etc.; Postfach 860 820, 81635 München (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 45/00, 31/4178, 31/496, 31/4025, 31/4523, 31/4164, 31/135, A61P 25/04
- (11) WO 2004/089410 (13) A1
- (21) PCT/JP2004/004758
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) ja (26) ja
- (30) 2003-099785 3 Apr/avr 2003 JP (03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PREVENTIVE AND/OR REMEDY FOR NEUROPATHIC PAIN
- MEDICAMENT PREVENTIF OU CURATIF POUR LES DOULEURS NEUROPATHIQUES
- (71) KYOWA HAKKO KOGYO CO., LTD. [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 1008185 (JP).
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- (72, 75) SHIRAKURA, ShiroKUNORI, Shun-jiTSUKII, KatsuyoshiKATAYAMA, KeishiTOKI, ShinichiroHIROSE, Ryo
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 45/00, 31/5575, A61P 25/00
- (11) WO 2004/089411 (13) A1
- (21) PCT/JP2004/004836
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) ja (26) ja
- (30) 2003-100388 3 Apr/avr 2003 JP (03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • REMEDY FOR SPINAL CANAL STENOSIS
- REMEDE POUR LA STENOSE DU CANAL VERTEBRAL
- (71) ONO PHARMACEUTICAL CO., LTD. [JP/JP]; 1-5, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-8526 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKENOBU, Yoshifumi [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). KAMANAKA, Yoshihisa [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). OBATA, Takaaki [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP).
- (74) OHIE, Kunihisa; Ohie Patent Office, Selva-Ningyocho 6F, 14-6, Nihonbashi-Ningyocho, 2-chome, Chuo-ku, Tokyo 103-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 45/00, 31/502, A61P 3/10, 3/04, 3/06, 9/00, 9/10, 9/04, 43/00 // C07D 403/04, 237/26
- (11) WO 2004/089412 (13) A1
- (21) PCT/JP2004/005065
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) ja (26) ja
- (30) 2003-103576 8 Apr/avr 2003 JP (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SPECIFIC NAD(P)H OXIDASE INHIBITOR
- INHIBITEUR D'OXYDASE NAD(P)H SPECIFIQUE
- (71) MITSUBISHI PHARMA CORPORATION [JP/JP]; 6-9, Hiranomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAMAMOTO, Toshihiro [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, Tokyo Office, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). YAMADA, Kumi [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, Tokyo Office, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP).
- (74) TAKAYANAGI, Masau; MITSUBISHI PHARMA CORPORATION, Intellectual Property Department, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 45/06, A61P 1/00, A61K 31/4468, 31/4439 // (A61K 31/4468, 31:4439) (A61K 31/4439, 31:4192) (A61K 31/4439, 31:166)
- (11) WO 2004/089414 (13) A2
- (21) PCT/BR2004/000046
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) PI 0301179-8 8 Apr/avr 2003 BR (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DRUG COMBINATION, DRUG ASSOCIATION AND DRUG
- COMBINAISON DE MEDICAMENTS, ASSOCIATION DE MEDICAMENTS ET MEDICAMENT
- (71) MEDLEY S.A. INDÚSTRIA FARMACÉUTICA [BR/BR]; Rua Macedo Costa 55, JD. Santa Genebra, 13080-180 Campinas, SP (BR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUNARI NEGRÃO, Alexandre [BR/BR]; Al. Das Jaqueiras, 1380 Cond., Alto da Nova Campinas, 13101-790 Campinas, SP (BR).	(30) PA 2003 00988	30 Jun/juin 2003 (30.06.2003)	DK	(22) 6 Apr/avr 2004 (06.04.2004)	
				(25) en	(26) en
(74) STAMPINI, Vicente de Paula et al. / etc.; Rua Napoleão de Barros, 298, Vila Mariana, CEP-04024-000 São Paulo, SP (BR).	(30) PA 2003 00998	2 Jul/juil 2003 (02.07.2003)	DK	(30) PA 2003 00570	11 Apr/avr 2003 (11.04.2003)
	(30) 60/486,078	10 Jul/juil 2003 (10.07.2003)	US	(30) PA 2003 00566	11 Apr/avr 2003 (11.04.2003)
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	(30) 60/486,098	10 Jul/juil 2003 (10.07.2003)	US	(30) PA 2003 00565	11 Apr/avr 2003 (11.04.2003)
	(30) 60/486,094	10 Jul/juil 2003 (10.07.2003)	US	(30) PA 2003 00569	11 Apr/avr 2003 (11.04.2003)
	(30) 60/486,095	10 Jul/juil 2003 (10.07.2003)	US	(30) PA 2003 00567	11 Apr/avr 2003 (11.04.2003)
	(30) 60/486,097	10 Jul/juil 2003 (10.07.2003)	US	(30) PA 2003 00571	11 Apr/avr 2003 (11.04.2003)
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(30) PA 2003 01910	22 Dec/déc 2003 (22.12.2003)	DK	(30) 60/467,284	2 May/mai 2003 (02.05.2003)
	(30) PA 2004 00009	6 Jan/jan 2004 (06.01.2004)	DK	(30) 60/467,437	2 May/mai 2003 (02.05.2003)
	(30) 60/537,099	16 Jan/jan 2004 (16.01.2004)	US	(30) 60/467,363	2 May/mai 2003 (02.05.2003)
(51) ⁷ A61K 45/06, A61P 35/00	(43) 21 Oct/oct 2004 (21.10.2004)			(30) 60/467,362	2 May/mai 2003 (02.05.2003)
(11) WO 2004/089415 (13) A2	(54) • COMBINATION THERAPY USING AN 11β-HYDROXYSTEROID DEHYDROGENASE TYPE 1 INHIBITOR AND A GLUCOCORTICOID RECEPTOR AGONIST TO MINIMIZE THE SIDE EFFECTS ASSOCIATED WITH GLUCOCORTICOID RECEPTOR AGONIST THERAPY			(30) 60/467,453	2 May/mai 2003 (02.05.2003)
(21) PCT/DK2004/000248	• THERAPIE COMBINATOIRE UTILISANT UN INHIBITEUR DE 11SG(B)-HYDROXYSTEROIDE DESHYDROGENASE DE TYPE 1 ET AGONISTE DU RECEPTEUR DE GLUCOCORTICOIDES POUR MINIMISER LES EFFETS SECONDAIRES ASSOCIES A LA THERAPIE A BASE D'AGONISTE DU RECEPTEUR DE GLUCOCORTICOIDES			(30) 60/467,800	2 May/mai 2003 (02.05.2003)
(22) 6 Apr/avr 2004 (06.04.2004)	(71) NOVO NORDISK A/S [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK). <i>(for all designated States except / pour tous les États désignés sauf US)</i>			(30) PA 2003 00776	22 May/mai 2003 (22.05.2003)
(25) en (26) en	(72, 75) KAMPEN, Gita, Camilla, Tejlgaard [DK/DK]; Gærdebuen 18, Nærum, 2850 (DK). ANDERSEN, Henrik, Sune [DK/DK]; Gustav Adolphs Vej 2, Kgs. Lyngby, 2800 (DK).			(30) PA 2003 00777	22 May/mai 2003 (22.05.2003)
(30) PA 2003 00569 11 Apr/avr 2003 (11.04.2003) DK				(30) 60/474,421	30 May/mai 2003 (30.05.2003)
(30) PA 2003 00566 11 Apr/avr 2003 (11.04.2003) DK				(30) 60/475,157	2 Jun/juin 2003 (02.06.2003)
(30) PA 2003 00565 11 Apr/avr 2003 (11.04.2003) DK				(30) PA 2003 00972	27 Jun/juin 2003 (27.06.2003)
(30) PA 2003 00571 11 Apr/avr 2003 (11.04.2003) DK				(30) PA 2003 00990	30 Jun/juin 2003 (30.06.2003)
(30) PA 2003 00570 11 Apr/avr 2003 (11.04.2003) DK				(30) PA 2003 00989	30 Jun/juin 2003 (30.06.2003)
(30) PA 2003 00568 11 Apr/avr 2003 (11.04.2003) DK	(74) NOVO NORDISK A/S; Corporate Patents, Novo Allé, 2880 Bagsvaerd (DK).			(30) PA 2003 00988	30 Jun/juin 2003 (30.06.2003)
(30) 60/467,284 2 May/mai 2003 (02.05.2003) US				(30) PA 2003 00998	2 Jul/juil 2003 (02.07.2003)
(30) 60/467,453 2 May/mai 2003 (02.05.2003) US				(30) 60/486,078	10 Jul/juil 2003 (10.07.2003)
(30) 60/467,363 2 May/mai 2003 (02.05.2003) US	(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.			(30) 60/486,098	10 Jul/juil 2003 (10.07.2003)
(30) 60/467,362 2 May/mai 2003 (02.05.2003) US				(30) 60/486,094	10 Jul/juil 2003 (10.07.2003)
(30) 60/467,443 2 May/mai 2003 (02.05.2003) US				(30) 60/486,095	10 Jul/juil 2003 (10.07.2003)
(30) 60/467,800 2 May/mai 2003 (02.05.2003) US				(30) 60/486,097	10 Jul/juil 2003 (10.07.2003)
(30) PA 2003 0778 22 May/mai 2003 (22.05.2003) DK	(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).			(30) PA 2003 01910	22 Dec/déc 2003 (22.12.2003)
(30) PA 2003 00776 22 May/mai 2003 (22.05.2003) DK				(30) PA 2004 00009	6 Jan/jan 2004 (06.01.2004)
(30) 60/475,157 2 Jun/juin 2003 (02.06.2003) US				(30) 60/537,099	16 Jan/jan 2004 (16.01.2004)
(30) 60/475,195 2 Jun/juin 2003 (02.06.2003) US				(43) 21 Oct/oct 2004 (21.10.2004)	
(30) PA 2003 00972 27 Jun/juin 2003 (27.06.2003) DK	(51) ⁷ A61K 45/06, A61P 3/00			(54) • COMBINATION THERAPY USING AN 11BETA-HYDROXYSTEROID DEHYDROGENASE TYPE 1 INHIBITOR	
(30) PA 2003 00990 30 Jun/juin 2003 (30.06.2003) DK	(11) WO 2004/089416 (13) A2				
(30) PA 2003 00989 30 Jun/juin 2003 (30.06.2003) DK	(21) PCT/DK2004/000254				

AND AN ANTIHYPERTENSIVE AGENT FOR THE TREATMENT OF METABOLIC SYNDROME AND RELATED DISEASES AND DISORDERS

- POLYTHÉRAPIE UTILISANT UN INHIBITEUR DE TYPE I DE LA 11BETA-HYDROXYSTÉROÏDE DÉSHYDROGENASE ET UN AGENT HYPOTENSEUR DANS LE TRAITEMENT DU SYNDROME MÉTABOLIQUE ET DES TROUBLES ET MALADIES ASSOCIÉS

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, Bagsværd, 2880 (DK).

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(72, 75) **KAMPEN, Gita, Camilla, Tejlgaard** [DK/DK]; Gærdebuen 18, Nærum, 2850 (DK). **ANDERSEN, Henrik Sune** [DK/DK]; Gustav Adolfs Vej 2, Kgs. Lyngby, 2800 (DK).

(74) **NOVO NORDISK A/S**; Corporate Patents, Novo Allé, Bagsværd, 2880 (DK).

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

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

(51)⁷ **A61K 47/04, 9/54, 47/36, 31/7088, 38/22, 38/20, 38/21, 39/395, 39/00, 45/00, 31/726**

(11) **WO 2004/089417** (13) A1

(21) PCT/JP2004/005007

(22) **7 Apr/avr 2004 (07.04.2004)**

(25) ja (26) ja

(30) 2003-103215 **7 Apr/avr 2003 JP (07.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • **DRUG-ENCLOSING MULTILAYER STRUCTURE PARTICULATE AND PROCESS FOR PRODUCING THE SAME**

- MATIÈRE PARTICULAIRE À STRUCTURE MULTICOUCHE CONTENANT UN MÉDICAMENT ET PROCÉDE DE PRODUCTION

(71) **NATIONAL INSTITUTE FOR MATERIALS SCIENCE** [JP/JP]; 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki, 3050047 (JP). **LTT BIO-PHARMA CO. LTD** [JP/JP]; 5-1, Atago 2-chome, Minato-ku, Tokyo, 1056201 (JP).

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(72, 75) **TANAKA, Junzo** [JP/JP]; c/o NATIONAL INSTITUTE FOR MATERIALS SCIENCE, 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki, 3050047 (JP). **IKOMA, Toshiyuki** [JP/JP]; c/o NATIONAL INSTITUTE FOR MATERIALS SCIENCE, 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki,

3050047 (JP). **MIZUSHIMA, Yutaka** [JP/JP]; 6-12-3-2402, Roppongi, Minato-ku, Tokyo, 1060032 (JP).

(74) **HIRAKI, Yusuke et al. / etc.**; Kamiya-chō MT Bldg. 19F, 3-20, Toranomōn 4-chōme, Minato-ku, Tokyo 1050001 (JP).

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

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

(51)⁷ **A61K 47/40, 31/496, 31/5383, 47/12**

(11) **WO 2004/089418** (13) A1

(21) PCT/NL2004/000252

(22) **14 Apr/avr 2004 (14.04.2004)**

(25) en (26) en

(30) 10/413,045 **14 Apr/avr 2003 US (14.04.2003)**

(30) 10/817,507 **2 Apr/avr 2004 US (02.04.2004)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • **A FLUOROQUINOLONE AQUEOUS FORMULATION OF A PH BETWEEN 4 AND 7 COMPRISING I.A. CYCLODEXTRIN, HYDROXYACID**

- FORMULATION AQUEUSE DE FLUOROQUINOLONE AYANT UN PH COMPRENANT ENTRE 4 ET 7, CONTENANT NOTAMMENT DE LA CYCLODEXTRINE ET UN HYDROXYACIDE

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

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

(72, 75) **BABU, Manoj, Mazhuvancheril** [US/US]; 4600 Willow Branches Close, Winterville, NC 28590 (US). **TAPAN, Niranjan, Godiwala** [US/US]; 314 Treybrook Cir. Apt 22, Greenville, NC 27834 (US). **THOMPSON, Robert, Peter** [US/US]; 1589 Rosemond Dr., Greenville, NC 27834 (US).

(74) **BREEPOEL, Peter, Maria**; DSM Intellectual Property, P.O. Box 9, NL-6160 MA Geleen (NL).

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

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

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

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(51)⁷ **A61K 47/42, 47/48, 31/704, 9/127, 9/107, 9/16, 9/19, 39/395, A61P 35/00, 35/04**

(11) **WO 2004/089419** (13) A1

(21) PCT/JP2004/004876

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) ja (26) ja

(30) 2003-101521 **4 Apr/avr 2003 JP (04.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • **LIPID MEMBRANE STRUCTURE CONTAINING ANTI-MT-MMP MONOCLONAL ANTIBODY**

- STRUCTURE DE MEMBRANE LIPIDIQUE COMPORTANT UN ANTICORPS MONOCLONAL ANTI-MT-MMP

(71) **THE UNIVERSITY OF TOKYO** [JP/JP]; 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 113-0033 (JP). **DAIICHI FINE CHEMICAL CO. LTD.** [JP/JP]; 530, Chokeiji, Takaoka-shi, Toyama 933-8511 (JP). **DAIICHI PHARMACEUTICAL CO. LTD.** [JP/JP]; 14-10, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-8234 (JP).

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(72, 75) **SEIKI, Motoharu** [JP/JP]; 5-203, Koyamadajutaku., 5, Koyamadai 2-chome, Shinagawa-ku, Tokyo 142-0061 (JP). **YANA, Ikuo** [JP/JP]; 302, Yutaka Mansion., 3-13-16, Miyauchi, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0051 (JP). **AOKI, Takanori** [JP/JP]; c/o DAIICHI FINE CHEMICAL CO., LTD., 530, Chokeiji, Takaoka-shi, Toyama 933-8511 (JP). **YASUDA, Junko** [JP/JP]; c/o DAIICHI FINE CHEMICAL CO., LTD., 530, Chokeiji, Takaoka-shi, Toyama 933-8511 (JP). **KIKUCHI, Hiroshi** [JP/JP]; c/o DAIICHI PHARMACEUTICAL CO., LTD., Tokyo R & D Center, 16-13, Kita-Kasai 1-chome, Edogawa-ku, Tokyo 134-8630 (JP). **ISHIDA, Emi** [JP/JP]; c/o DAIICHI PHARMACEUTICAL CO., LTD., Tokyo R & D Center, 16-13, Kita-Kasai 1-chome, Edogawa-ku, Tokyo 134-8630 (JP).

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

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

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

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(11) **WO 2004/089420** (13) A1

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(11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • POLYETHYLENE GLYCOL CONJUGATES RELEASING NITRIC OXIDE
• CONJUGUES DE POLYETHYLENE-GLYCOL LIBERANT DU MONOXYDE D'AZOTE
- (71) BIOPEG LTD. [IE/IE]; Hume House, Ballsbridge, Dublin (IE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VERONESE, Francesco [IT/IT]; Via Barozzi, 11/3, I-35100 Padova (IT). PASUT, Gianfranco [IT/IT]; Via G. Leopardi, 13, I-33080 Fiume Veneto (IT).
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHODS OF TREATING AND MONITORING SYSTEMIC LUPUS ERYTHEMATOSUS IN INDIVIDUALS
• METHODES DE TRAITEMENT ET DE SURVEILLANCE DU LUPUS ERYTHEMATEUX DISSEMINÉ
- (71) LA JOLLA PHARMACEUTICAL CO. [US/US]; 6455 Nancy Ridge Drive, Suite 300, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINNIK, Matthew, D. [US/US]; 640 Cedros, Solana Beach, CA 92075 (US). JOH, Tenshang [US/US]; 816 Wood Drive, Encinitas, CA 92024 (US).
- (74) ZHOU, Jie et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304 (US).
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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• PROCEDES DE PEGYLATION RATIONNELLE DE PROTEINES
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) 60/512,347 16 Oct/oct 2003 US
(16.10.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PHARMICO-GENE THERAPY OF EPITHELIAL SODIUM CHANNEL ASSOCIATED DISORDERS
• THERAPIE PHARMACO-GENIQUE DES TROUBLES ASSOCIES AU CANAL SODIQUÉ EPITHELIAL
- (71) UNIVERSITY OF IOWA RESEARCH FOUNDATION [US/US]; Oakdale Research Campus, 100 Oakdale Campus #214 TIC, Iowa City, IA 52242-5000 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) ENGELHARDT, John, F. [US/US]; 8 Laredo Court, Iowa City, IA 52246 (US). ZHANG, Liang [US/US]; Oakdale Research Campus, 100 Oakdale Campus #214 TIC, Iowa City, IA 52242 (US).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) en (26) en
- (30) 03008456.0 11 Apr/avr 2003 EP
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- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ADDUCTS BETWEEN MAGNETIC RESONANCE SHIFT REAGENTS AND SUBSTRATES CONTAINING EXCHANGEABLE PROTONS FOR "CEST" APPLICATIONS
• COMPLEXES A BASE DE REACTIFS DE DEPLACEMENT CHIMIQUE ET DE SUBSTRATS CONTENANT DES PROTONS ECHANGEABLES, DESTINEES A DES APPLICATIONS ≤ CEST ≥
- (71) BRACCO IMAGING S.P.A. [IT/IT]; Via E. Folli, 50, I-20134 Milano (IT).
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- (72, 75) AIME, Silvio [IT/IT]; Via E. Folli, 50, I-20134 Milano (IT). TERRENO, Enzo [IT/IT]; Via E. Folli, 50, I-20134 Milano (IT). DELLI CASTELLI, Daniela [IT/IT]; Via E. Folli, 50, I-20134 Milano (IT). GIOVENZANA, Giovanni, Battista [IT/IT]; Via E. Folli, 50, I-20134 Milano (IT).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) en (26) en
- (30) 0308408.4 11 Apr/avr 2003 GB (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MICROWAVE METHOD FOR PREPARING RADIOLABELLED GALLIUM COMPLEXES
- PROCEDE D'ACTIVATION MICRO-ONDE PERMETTANT DE PREPARER DES COMPLEXES DE GALLIUM RADIOMARQUES
- (71) AMERSHAM PLC [GB/GB]; Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VELIKYAN, Irina [AM/SE]; Uppsala Imanet AB, Uppsala University PET Centre, Akademiska Sjukhset, S-751 85 Uppsala (SE). LANGSTROM, Bengt [SE/SE]; Uppsala Imanet AB, Uppsala University PET Centre, Akademiska Sjukhset, S-751 85 Uppsala (SE).
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • STABLE CARPROFEN COMPOSITION
- COMPOSITION STABLE DE CARPROFENE
- (71) JUROX PTY LTD [AU/AU]; 85 Gardiners Road, Rutherford, NSW 2320 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LAU, Kai, Kin [AU/AU]; 6 Pykett Place, Dural, NSW 2158 (AU).
- (74) F B RICE & CO; 605 Darling Street, Balmain, NSW 2041 (AU).
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/089428 (13) A2
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- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 60/460,487 3 Apr/avr 2003 US (03.04.2003)
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- (54) • ARTICULATING SHAFT
- ARBRE D'ARTICULATION
- (63) US Not furnished / non communiqué (CON)
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- (71) SURGICAL SOLUTIONS [US/US]; 25048 Anza Drive, Valencia, CA 91355 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WEISEL, Thomas [US/US]; 3063 Grove Street, Ventura, CA 93003 (US).
- (74) MYERS, Richard, L.; Myers, Dawes Andras & Sherman LLP, 19900 MacArthur Boulevard, Suite 1150, Irvine, CA 92612 (US).
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • GERMICIDAL LOW PRESSURE MERCURY VAPOR DISCHARGE LAMP WITH AMALGAM LOCATION PERMITTING HIGH OUTPUT
- LAMPE A DECHARGE A VAPEUR DE MERCURE BASSE PRESSION GERMICIDE A EMBLACEMENT D'AMALGAME PERMETTANT D'OBTENIR UN RENDEMENT ELEVE
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 15/18, A61K 33/00, A61P 43/00
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- (25) zh (26) zh
- (30) 03109623.9 9 Apr/avr 2003 CN (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • NEW DRESSING MATERIAL PROMOTING RECOVERY OF SKIN WOUND
- NOUVEAU PRODUIT D'AMELIORATION DE CICATRISATION DE LA PEAU
- (71) JIANGSU YENSSEN BIOTECH CO., LTD [CN/CN]; 10 Dinshan Road, Binjiang Development Zone, Jiangyin, Jiangsu 214431 (CN).
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- (72, 75) ZHOU, Laisheng [CN/CN]; 10 Dinshan Road, Binjiang Development Zone, Jiangyin, Jiangsu 214431 (CN).
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- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) ko (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • RESTORATIVE AND GRAFTING MATERIAL FOR HARD TISSUE DEFECT
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- (11) WO 2004/089431 (13) A1
- (21) PCT/EP2004/003772
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- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ANTIMICROBIAL MATERIALS
- MATIERES A TRAITEMENT ANTIMICROBIEN
- (71) BEIERSDORF AG [DE/DE]; Unnastrasse 48, 20253 Hamburg (DE).
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- (72, 75) BERG, Thorsten [DE/DE]; Bergiusstrasse 13, 22765 Hamburg (DE). JÄNICHEN, Jan [DE/DE]; Am Sooren 13, 22149 Hamburg (DE). SCHINK, Michael [DE/DE]; Tönninger Weg 108, 22609 Hamburg (DE). BOGDHANN, Michael [DE/DE]; Am Gleise 56, 21614 Buxtehude-Neukloster (DE). GÄDE, Christian [DE/DE]; Königsberger Strasse 73, 21629 Neu Wulmstorf (DE). QUANDT, Jürgen, Christian [DE/DE]; Neue Strasse 1D, 25336 Klein Nordende (DE). KARTHEUS, Holger [DE/DE]; Stellinger Weg 19, 20255 Hamburg (DE). HARTKOPF, Carsten [DE/DE]; Wiesendamm 154, 22303 Hamburg (DE). WÖLLER, Karl-Heinz [DE/DE]; Eimsbüttler Marktplatz 7, 20257 Hamburg (DE). MEYER-INGOLD, Wolfgang [DE/DE]; Am Hasenkamp 29, 22457 Hamburg (DE).
- (74) BEIERSDORF AG; Patentabteilung, Unnastrasse 48, 20253 Hamburg (DE).
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- AND FABRICATION METHOD OF THE SAME USING ANIMAL TEETH
- MATERIAU DE RESTAURATION ET DE GREFFAGE POUR DEFECT DE TISSUS DURS ET PROCEDE DE FABRICATION DUDIT MATERIAU A L'AIDE DE DENTS ANIMALES
- (71, 72) KIM, Young-kyun [KR/KR]; 1-103 hansung Billa, 46 Bundang-dong Bundang-gu, Seongnam-city, Kyunggi-do 463-030 (KR). KIM, Su-Gwan [KR/KR]; 102-1102 Kumho APT., Pungam-dong Seo-gu, Gwangju-city 502-156 (KR).
- (74) OH, Se-Joong; Haeorom International Patent & Law Offices, 5FL., Namdo Bldg., 823-24 Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 27/18, 27/58
- (11) WO 2004/089433 (13) A1
- (21) PCT/JP2004/004947
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) ja (26) ja
- (30) 2003-102565 7 Apr/avr 2003 JP (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ANTI-ADHESIVE MEMBRANE AND METHOD FOR PRODUCTION THEREOF
- MEMBRANE ANTI-ADHESIVE ET PROCEDE DE PRODUCTION
- (71) TEIJIN LIMITED [JP/JP]; 6-7, Minami-hommachi 1-chome, Chuo-ku Osaka-shi Osaka, 5410054 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MIYOSHI, Takanori, [JP/JP]; c/o Teijin Limited, Iwakuni Research Center 2-1, Hinode-cho Iwakuni-shi Yamaguchi, 7400014 (JP). KOMURA, Shinya, [JP/JP]; c/o Teijin Limited, Iwakuni Research Center 2-1, Hinode-cho Iwakuni-shi Yamaguchi, 7400014 (JP). MINEMATSU, Hiroyoshi, [JP/JP]; c/o Teijin Limited, Iwakuni Research Center 2-1, Hinode-cho Iwakuni-shi Yamaguchi, 7400014 (JP). SUMI, Yoshihiko, [JP/JP]; c/o Teijin Limited, Tokyo Research Center 3-2, Asahigaoka 4-chome Hino-shi Tokyo, 1910065 (JP).
- (74) MIHARA, Hideko.; c/o Teijin Intellectual Property Center Limited 1-1, Uchisaiwaicho 2-chome Chiyoda-ku Tokyo, 1000011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 31/00, B29C 41/12
(11) WO 2004/089434 (13) A1
(21) PCT/JP2004/005068
(22) 8 Apr/avr 2004 (08.04.2004)
(25) ja (26) ja
(30) 2003-106186 10 Apr/avr 2003 JP (10.04.2003)
(30) 2003-288573 7 Aug/août 2003 JP (07.08.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • BIODEGRADABLE FILM HAVING HONEYCOMB STRUCTURE
• FILM BIODEGRADABLE A STRUCTURE ALVEOLAIRE
(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) FUKUHIRA, Yukako [JP/JP]; c/o Teijin Limited, Tokyo Research Center, 3-2, Asahi-gaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP). KITAZONO, Eiichi [JP/JP]; c/o Teijin Limited, Tokyo Research Center, 3-2, Asahi-gaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP). KANEKO, Hiroaki [JP/JP]; c/o Teijin Limited, Tokyo Research Center, 3-2, Asahi-gaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP). SUMI, Yoshihiko [JP/JP]; c/o Teijin Limited, Tokyo Research Center, 3-2, Asahi-gaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP). SHIMOMURA, Masatsugu [JP/JP]; c/o Hokkaido University, Research Institute for Electronic Science, Nanotechnology Research Center N21W10, Kita-ku, Sapporo Hokkaido 001-0021 (JP). TANAKA, Masaru [JP/JP]; c/o Hokkaido University, Research Institute for Electronic Science, Nanotechnology Research Center N21W10, Kita-ku, Sapporo Hokkaido 001-0021 (JP).
(74) MIHARA, Hideko; c/o Teijin Intellectual Property Center Limited, 1-1, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61M
(11) WO 2004/089435 (13) A2
(21) PCT/US2004/010362
(22) 5 Apr/avr 2004 (05.04.2004)
(25) en (26) en
(30) 60/460,198 4 Apr/avr 2003 US (04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • FACILITATING CATHETER ASSEMBLY
• ENSEMBLE DE CATHETER FACILITANT LES INTERVENTIONS CHIRURGICALES NECESSITANT UN ACCES ENDOLUMINAL
(71, 72) MILLER, Arnold [US/US]; 27 Intervale Road, Chestnut Hill, MA 02467 (US).
(74) PANDISCIO, Mark, J.; Pandiscio & Pandiscio, 470 Totten Pond Road, Waltham, MA 02451-1914 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2004/089436 (13) A2
(21) PCT/US2004/010400
(22) 2 Apr/avr 2004 (02.04.2004)
(25) en (26) en
(30) 10/407,001 3 Apr/avr 2003 US (03.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • INJECTION PORT VALVE
• VALVE D'ORIFICE D'INJECTION
(71) B. BRAUN MEDICAL INC. [US/US]; 824 Twelfth Avenue, Bethlehem, PA 18018 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) RAINES, Kenneth, C. [US/US]; 1760 Easthill Drive, Bethlehem, PA 18017 (US). BARTHOLOMEW, Joel, M. [US/US]; 1095 North Road, Danielsville, PA 18038 (US). PEPPEL, Peter, W. [US/US]; 4674 Ash Drive, Nazareth, PA 18064 (US).
(74) DAO, Tom, H.; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7068 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M
(11) WO 2004/089437 (13) A2
(21) PCT/US2004/010456
(22) 5 Apr/avr 2004 (05.04.2004)
(25) en (26) en
(30) 60/460,544 4 Apr/avr 2003 US (04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • GUIDE CATHETER AND METHOD OF MAKING SAME
• CATHETER GUIDE ET PROCEDE POUR LE FABRIQUER
(71) MINNESOTA EXTRUSION INC. [US/US]; 11760 Justen Circle, Unit B, Maple Grove, MN 55369 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) PACKARD, Brian, M. [US/US]; 7191 96th Street NE, Monticello, MN 55362 (US).
(74) SOLBERG, Sean, D. et al. / etc.; Dorsey & Whitney LLP, Intellectual Property Department, Suite 1500, 50 South Sixth Street, Minneapolis, MN 55402-1498 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M
(11) WO 2004/089438 (13) A2
(21) PCT/US2004/010540
(22) 5 Apr/avr 2004 (05.04.2004)
(25) en (26) en
(30) 60/460,696 4 Apr/avr 2003 US (04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • INTRODUCTION APPARATUS
• APPAREIL INTRODUCTEUR
(71) MINNESOTA EXTRUSION INC. [US/US]; 11760 Justen Circle, Unit B, Maple Grove, MN 55369 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) PACKARD, Brian, M. [US/US]; 7191 96th Street NE, Monticello, MN 55362 (US).

- (74) **SOLBERG, Sean, D.** et al. / etc.; Dorsey & Whitney LLP, Intellectual Property Department, Suite 1500, 50 South Sixth Street, Minneapolis, MN 55402-1498 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61M 1/00**
- (11) **WO 2004/089439** (13) A2
- (21) PCT/US2004/010500
- (22) **5 Apr/avr 2004 (05.04.2004)**
- (25) en (26) en
- (30) 60/460,362 **3 Apr/avr 2003** US
(03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **ELECTIVE COLLECTION AND BANKING OF AUTOLOGOUS PERIPHERAL BLOOD STEM CELLS**
- **PRELEVEMENT ET STOCKAGE FACULTATIFS DE CELLULES SOUCHES DE SANG PERIPHERIQUE AUTOLOGUES**
- (71) **NEOSTEM, INC.** [US/US]; 29219 Canwood Street, Suite 102, Agoura Hills, CA 91301 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HIROSE, Thomas, Gordon** [US/US]; 4061 Davenport Drive, Huntington Beach, CA 92649 (US). **LAM, Simon, Sun-man** [US/US]; 5519 Cedarhaven Drive, Agoura Hills, CA 91301 (US). **PUNZALAN, Rubio, R.** [US/US]; 809 Teri Avenue, Torrance, CA 90503 (US). **RODGERSON, Denis, O.** [US/US]; 2801 Corral Canyon Road, Malibu, CA 90265 (US).
- (74) **LIU, Wen;** Liu & Liu, 811 West 7th Street, Suite 1100, Los Angeles, CA 90017 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61M 1/16**
- (11) **WO 2004/089440** (13) A1
- (21) PCT/EP2004/001457
- (22) **17 Feb/fév 2004 (17.02.2004)**
- (25) de (26) de
- (30) 103 17 024.3 **11 Apr/avr 2003** DE
(11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **HAEMODIALYSIS DEVICE**
- **DISPOSITIF D'HEMODIALYSE**
- (71) **FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH** [DE/DE]; Else-Kröner-Strasse 1, 61342 Bad Homburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GROSS, Malte** [DE/DE]; Breslauerstrasse 44, 97424 Schweinfurt (DE). **WÜPPER, Andreas** [DE/DE]; Am Steingritz 52, 61352 Bad Homburg (DE).
- (74) **DREYHSIG, Jörg;** Fresenius Medical Care AG, Patentabteilung, Frankfurter Strasse 6-8, 66606 St. Wendel (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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, A61K 9/08**
- (11) **WO 2004/089441** (13) A1
- (21) PCT/SE2004/000436
- (22) **23 Mar/mar 2004 (23.03.2004)**
- (25) en (26) en
- (30) 0301044-4 **7 Apr/avr 2003** SE
(07.04.2003)
- (30) 60/461 657 **7 Apr/avr 2003** US
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **A DEVICE, CARTRIDGE AND METHOD FOR SOLVING POWDER IN LIQUID, WHEN MANUFACTURING A DIALYSIS FLUID**
- **DISPOSITIF, CARTOUCHE ET PROCÉDE DE DISSOLUTION DE POUDRE DANS UN LIQUIDE, LORS DE LA PRODUCTION D'UN FLUIDE DE DIALYSE**
- (71) **GAMBRO LUNDIA AB** [SE/SE]; Box 10101, S-220 10 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LOSELL, Ernst, Ingvar** [SE/SE]; Cymbalvägen 20, S-245 42 Staffanstorps (SE).
- (74) **AWAPATENT AB;** Box 5117, S-200 71 Malmö (SE).
-
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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, B01D 29/03, 29/56**
- (11) **WO 2004/089442** (13) A1
- (21) PCT/SE2004/000557
- (22) **7 Apr/avr 2004 (07.04.2004)**
- (25) en (26) en
- (30) 0301021-2 **7 Apr/avr 2003** SE
(07.04.2003)
- (30) 60/461,659 **7 Apr/avr 2003** US
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **A FILTER FOR A CARTRIDGE, A CARTRIDGE, USE OF A FILTER IN A CARTRIDGE AND A SYSTEM FOR PREPARING A LIQUID SOLUTION FOR A MEDICAL PROCEDURE**
- **FILTRE A CARTOUCHE, CARTOUCHE, UTILISATION DU FILTRE DANS LA CARTOUCHE ET SYSTEME DE PREPARATION D'UNE SOLUTION LIQUIDE POUR UNE PROCEDURE MEDICALE**
- (71) **GAMBRO LUNDIA AB** [SE/SE]; Magistratsvägen 16, P.O. Box 10101, S-220 10 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LORENTZON, Jan-Olof** [SE/SE]; Böle 139, S-380 30 Rockneby (SE). **TRYGGVASSON, Ragnar** [SE/SE]; Dösvägen 13, S-240 21 Löddeköpinge (SE).
- (74) **BERGLUND, Stefan** et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmsg. 58, S-114 50 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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, B01F 1/00, B01J 4/00**
- (11) **WO 2004/089443** (13) A1
- (21) PCT/SE2004/000558
- (22) **7 Apr/avr 2004 (07.04.2004)**

- (25) en (26) en
- (30) 0301022-0 7 Apr/avr 2003 SE
(07.04.2003)
- (30) 60/461,658 7 Apr/avr 2003 US
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A DEVICE FOR USE IN A CARTRIDGE,
AND A CARTRIDGE
• DISPOSITIF A UTILISER DANS UNE
CARTOUCHE ET CARTOUCHE
- (71) GAMBRO LUNDIA AB [SE/SE]; Mag-
istratsvägen 16, P.O. Box 10101, S-220 10
Lund (SE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) LORENTZON, Jan-Olof [SE/SE]; Böle
139, S-380 30 Rockneby (SE). LOSELL,
Ingvar [SE/SE]; Cymbalvägen 20, S-245
42 Staffanstorps (SE). TRYGGVASON,
Ragnar [SE/SE]; Dösvägen 13, S-240 21
Löddeköpinge (SE).
- (74) BJERKENS PATENTBYRÅ KB et al. /
etc.; Östermalmsgatan 58, S-114 50 Stock-
holm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 1/36
- (11) WO 2004/089444 (13) A1
- (21) PCT/IB2004/001257
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) it (26) en
- (30) MI2003A000696 8 Apr/avr 2003 IT
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • APPARATUS AND METHOD PAR-
TICULARLY FOR SUBSTITUTING
CLOSED CIRCUIT ELEMENTS FOR
EXTRACORPOREAL CIRCULATION
• APPAREIL ET PROCÉDE PERMET-
TANT NOTAMMENT DE REMPLACER
LES ÉLÉMENTS DE CIRCUIT FERME
EN CIRCULATION EXTRACORPO-
RELLE
- (71) CRB NEDERLAND B.V. [NL/NL]; Fred-
erik Roeskestraat 123, NL-1076 EE Amster-
dam (NL).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) STRISINO, Cesare [IT/IT]; Via delle
Palme, 34, I-33054 Lignano Sabbiadoro (IT).
- (74) MODIANO, Guido; Modiano & Associati,
Via Meravigli, 16, I-20123 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE

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

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

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- (11) WO 2004/089445 (13) A1
- (21) PCT/JP2003/004224
- (22) 2 Apr/avr 2003 (02.04.2003)
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ELECTRIC LIQUID CONVEY AND IN-
JECTION SYSTEM
• SYSTEME ELECTRIQUE DE TRANS-
FERT ET D'INJECTION DE LIQUIDE
- (71) TSUKADA MEDICAL RESEARCH
CO., LTD. [JP/JP]; 8-12-501, Kitashinjuku
4-chome, Shinjuku-ku, Tokyo 169-0074 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) TSUKADA, Osamu [JP/JP]; 318-1,
Ohaza Sumiyoshi, Ueda-shi, Nagano
386-0002 (JP). NAKAJIMA, Yasuhiko
[JP/JP]; 5854-4, Tamura, Hiratsuka-shi,
Kanagawa 254-0013 (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 JP US.

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

(51)⁷ A61M 5/14, A61G 12/00

- (11) WO 2004/089446 (13) A1
- (21) PCT/DE2003/001096
- (22) 3 Apr/avr 2003 (03.04.2003)
- (25) de (26) de
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MOVABLE MEDICAL EQUIPMENT
CARRIER
• SUPPORT D'APPAREILS MEDICAU
ROULANT
- (71) GEORG-AUGUST-UNIVERSITÄT
GÖTTINGEN [DE/DE]; Wilhelmsplatz
1, 37073 Göttingen (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) FRAATZ, Wilfried [DE/DE];
Hohler Weg 4A, 37136 Ebergötzen (DE).
PFITZNER, Horst [DE/DE]; Kohlstedthof
3, 37133 Friedland (DE). FRECKMANN,
Rudolph [DE/DE]; Neue Strasse 1, 37136
Ebergötzen (DE).
- (74) GERSTEIN, Hans-Joachim; Gramm, Lins
& Partner GbR, Theodor-Heuss-Strasse 1,
38122 Braunschweig (DE).

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

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

Declarations / Déclarations :

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

(51)⁷ A61M 5/142

- (11) WO 2004/089447 (13) A1
- (21) PCT/US2004/010428
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 10/407,996 4 Apr/avr 2003 US
(04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • APPARATUS AND SYSTEM FOR DE-
LIVERY OF DRUG THERAPIES
• DISPOSITIF ET SYSTEME POUR AD-
MINISTRER DES MEDICAMENTS
- (71) MEDTRONIC, INC. [US/US]; MS LC340,
710 Medtronic Parkway, Minneapolis, Min-
nesota 55432 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) UIJHELYI, Michael, R. [US/US];
9317 Tewsberg Gate North, Maple Grove,
Minnesota 55311 (US). MEHRA, Rahul
[US/US]; 4980 Neal Avenue North, Still-
water, Minnesota 55082-1071 (US). MIN,
Xiaoyi [US/US]; 3228 Verdaille Court, Thou-
sand Oaks, California 91362 (US).
- (74) SOLDNER, Michael, et al. / etc.; MS
LC340, 710 Medtronic Parkway, Minneapo-
lis, Minnesota 55432 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU

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

Published / Publiée : (c)

Declaration / Déclaration :

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

(51)⁷ A61M 5/148, 5/145, 5/142

(11) WO 2004/089448 (13) A1

(21) PCT/DK2004/000218

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) PA 2003 00562 11 Apr/avr 2003 DK (11.04.2003)

(30) 60/470,145 13 May/mai 2003 US (13.05.2003)

(30) PA 2003 01259 3 Sep/sep 2003 DK (03.09.2003)

(30) 60/503,699 17 Sep/sep 2003 US (17.09.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DELIVERY DEVICE

• DISPOSITIF D'ADMINISTRATION

(71) NOVO NORDISK A/S [DK/DK]; Novo Allé, Bagsværd 2880 (DK).

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

(72, 75) PEDERSEN, Per, Elgård [DK/DK]; Elmeparken 33, Haslev 4690 (DK).

(74) NOVO NORDISK A/S; Corporate Patents, Novo Allé, Bagsværd 2880 (DK).

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

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

Published / Publiée : (c)

(51)⁷ A61M 5/158

(11) WO 2004/089449 (13) A1

(21) PCT/JP2004/003836

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja

(26) ja

(30) 2003-101153 4 Apr/avr 2003 JP (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MEDICAL NEEDLE DEVICE HAVING SHIELD WITH WINGS

• DISPOSITIF D'AIGUILLE MEDICALE COMPORTANT UN GAINÉ A ALLETTES

(71) JMS CO. LTD. [JP/JP]; 12-17, Kakomachi, Naka-ku, Hiroshima-shi, Hiroshima, 7308652 (JP).

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

(72, 75) MORIWAKI, Kuniharu, HONGO, Susumu, KIYONO, Takafumi,

(74) IKEUCHI SATO & PARTNER PATENT ATTORNEYS; 26th Floor, OAP TOWER, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka 530-6026 (JP).

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

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

(51)⁷ A61M 5/315

(11) WO 2004/089450 (13) A1

(21) PCT/EP2004/003782

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 0308267.4 10 Apr/avr 2003 GB (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DRIVE MECHANISMS SUITABLE FOR USE IN DRUG DELIVERY DEVICES

• MECANISMES DE COMMANDE UTILISE DANS DES SYSTEMES POUR ADMINISTRER DES MEDICAMENTS

(71) DCA DESIGN INTERNATIONAL LTD. [GB/GB]; 19 Church Street, Warwick CV34 4AB (GB).

(72) VEASEY, Robert, Frederick; 35 Hitchman Road, Leamington Spa, Warwickshire (GB). JONES, Christopher, John; 14 Pippin Close, Bidford-on-Avon, Warwickshire B50 4QQ (GB).

(74) ISENBRÜCK, Günter; Isenbruck Bösl Hörschler Wichmann Huhn, Theodor-Heuss-Anlage 12, 68165 Mannheim (DE).

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

SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61M 15/00

(11) WO 2004/089451 (13) A1

(21) PCT/SE2004/000546

(22) 7 Apr/avr 2004 (07.04.2004)

(25) sv (26) en

(30) 0301039-4 8 Apr/avr 2003 SE (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COUNTER FOR COUNTING DOSES

• COMPTEUR PERMETTANT DE COMPTER LES DOSES

(71) ERNST HÖRLINS INGENJÖRSBYRÅ AB [SE/SE]; Svartmossevägen 2, S-436 39 Askim (SE).

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

(72, 75) HÖRLIN, Ernst [SE/SE]; Svartmossevägen 2, S-436 39 Askim (SE).

(74) ALBIHNS GÖTEBORG AB; Box 142, S-401 22 Göteborg (SE).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61M 15/00

(11) WO 2004/089452 (13) A1

(21) PCT/US2004/010181

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/405,896 1 Apr/avr 2003 US (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • RESPIRATORY PARTICULATE FILTER

• FILTRE RESPIRATOIRE A PARTICULES

(71, 72) BERTRAND, Archie A., [US/US]; 11239 Winrock Drive, New Orleans, Louisiana 70128 (US).

(74) SHOUSE, Emily, A.; Waddey & Patterson, Bank of America Plaza, 414 Union Street, Suite 2020, Nashville, TN 37219 (US).

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

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

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(51)⁷ A61M 16/00

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(25) da (26) en

(30) PA 2003 00563 11 Apr/avr 2003 DK (11.04.2003)

(30) PA 2003 00769 22 May/mai 2003 DK (22.05.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A LARYNGEAL MASK AND A METHOD MANUFACTURING SAME
• MASQUE LARYNGE ET PROCEDE DE FABRICATION

(71) AMBU A/S [DK/DK]; Baltorpbakken 13, DK-2750 Ballerup (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PETERSEN, Lasse [DK/DK]; Sandbjergvej 54, DK-2950 Vedbæk (DK). HOFFMANN, Peer [DK/DK]; Kaltoften 4, Gantlose, DK-3660 Stenlose (DK).

(74) ZACCO DENMARK A/S; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).

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

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

(51)⁷ A61M 25/00

(11) WO 2004/089454 (13) A1

(21) PCT/DK2004/000265

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) PA 2003 00574 11 Apr/avr 2003 DK (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A CATHETER ASSEMBLY WITH CATHETER HANDLE AND CONTAINER

• ENSEMBLE CATHETER COMPRENANT UNE POIGNEE DE CATHETER ET UN RECIPIENT

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

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

(72, 75) TANGHØJ, Allan [DK/DK]; Jøllered Have 59, DK-2980 Kokkedal (DK).

(74) INSPICOS A/S; Bøge Allé 3, P.O. Box 45, DK-2970 Hørsholm (DK).

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

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

(51)⁴ A61M 25/00

(11) WO 2004/089455 (13) A2

(21) PCT/US2004/009966

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/406,020 3 Apr/avr 2003 US (03.04.2003)

(30) 0307715.3 3 Apr/avr 2003 GB (03.04.2003)

(30) 10/409,270 8 Apr/avr 2003 US (08.04.2003)

(30) 10/729,754 5 Dec/déc 2003 US (05.12.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • GUIDE WIRE HAVING BENDING SEGMENT

• FIL DE GUIDAGE A SEGMENT FLEXIBLE

(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) BAKOS, Gregory, J. [US/US]; 6330 Redwood Court, Mason, OH 45040 (US). GEE, Kevin, K. [US/US]; 18 Highland Crossing, Scituate, MA 02066 (US). TIERNEY, Scott, J. [US/US]; 13 Winter Street, Taunton, MA 02780 (US). SWAIN, Christopher, Paul [GB/GB]; 41 Willow Road, London NW3 1TN (GB). LONG, Gary, L. [US/GB]; 15 Donnay Close, Gerrards Cross, Buckinghamshire SL9 7PZ (GB).

(74) JOHNSON, Phillip, S. et al. / etc.; Johnson & Johnson, 1 Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

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

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

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

(51)⁷ A61M 25/01, A61B 18/14

(11) WO 2004/089456 (13) A1

(21) PCT/US2004/009982

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0307715.3 3 Apr/avr 2003 GB (03.04.2003)

(30) 10/406,020 3 Apr/avr 2003 US (03.04.2003)

(30) 10/409,270 8 Apr/avr 2003 US (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • GUIDE WIRE STRUCTURE FOR INSERTION INTO AN INTERNAL SPACE
• STRUCTURE DE FILS-GUIDES POUR INTRODUCTION DANS UN ESPACE INTERNE

(71) ETHICON ENDO-SURGERY, INC. [US/US]; 4545 Creek Road, Cincinnati, OH 45242 (US). UCL BIOMEDICA PLC [GB/GB]; c/o Finance, Gower Street, London, WC1E 6BT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72) SWAIN, Christopher, Paul; 41 Willow Road, London NW3 1TN (GB). LONG, Gary, L.; 15 Donnay Close, Gerrards Cross, Buckinghamshire SL9 7PZ (GB).

(74) JOHNSON, Phillip, S. et al. / etc.; Johnson & Johnson, 1 Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 31/00, A61K 9/00

(11) WO 2004/089457 (13) A1

(21) PCT/US2004/010106

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,296 **31 Mar/mar 2003** US
(31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OSMOTIC PUMP WITH MEANS FOR DISSIPATING INTERNAL PRESSURE
• POMPE OSMOTIQUE DOTÉE D'UN MOYEN DE DISSIPATION DE LA PRESSION INTERNE

(71) ALZA CORPORATION [US/US]; 1900 Charleston Road, P.O. Box 7210, Mountain View, CA 94039-7210 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) DIONNE, Keith; 704 Laurel Avenue, Menlo Park, CA 94025 (US). MOSBAUER, Robert; 215 Font Boulevard, San Francisco, CA 94132 (US). DAVIS, Craig; 5237 Orkney Court, Newark, CA 94560 (US).

(74) CATAXINOS, Edgar, R. et al. / etc.; Traskbritt, 230 South 500 East, Suite 300, P.O. Box 2550, Salt Lake City, UT 84110-2550 (US).

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

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

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(51)⁷ A61M 37/00, A61B 17/34

(11) WO 2004/089458 (13) A1

(21) PCT/US2004/010354

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/406,397 **3 Apr/avr 2003** US
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • IMPLANTING DEVICE AND METHOD OF USING SAME

• DISPOSITIF D'IMPLANTATION ET SON PROCÉDE D'UTILISATION

(63) US 10/406,397 (CIP)
3 Apr/avr 2003 (03.04.2003)

(71) VALERA PHARMACEUTICALS, INC. [US/US]; 8 Clarke Drive, Cranbury, NJ 08512 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RUE, Matthew, L. [US/US]; 38 Harmony School Road, Flemington, NJ 08822 (US). TIERNEY, David, S. [US/US]; 106 Trenton Avenue, Forked River, NJ 08731 (US).

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

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

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

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

Published / Publiée : (c)

Declarations / Déclarations :

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

(t) for all designations / pour toutes les désignations

(51)⁷ A61N

(11) WO 2004/089459 (13) A2

(21) PCT/US2004/010129

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/404,250 **31 Mar/mar 2003** US
(31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TREATMENT APPARATUS WITH ELECTROMAGNETIC ENERGY DELIVERY DEVICE AND NON-VOLATILE MEMORY

• APPAREIL DE TRAITEMENT COMPRENANT UN DISPOSITIF DE DISTRIBUTION D'ENERGIE ELECTROMAGNETIQUE ET UNE MEMOIRE NON VOLATILE

(71) THERMAGE, INC. [US/US]; 4058 Point Eden Way, Hayward, CA 94545 (US).

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

(72, 75) KNOWLTON, Edward, W. [US/US]; 5478 Blackhawk Drive, Danville, CA 94506 (US). WEBER, Bryan [US/US]; 2612 Tahoe Drive, Livermore, CA 94550 (US). LEVINSON, Mitchell [US/US]; 7924 Spyglass Court, Pleasanton, CA 94588 (US).

(74) DAVIS, Paul; Heller Ehrman white & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).

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

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

(51)⁷ A61N

(11) WO 2004/089460 (13) A2

(21) PCT/US2004/010132

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/404,413 **31 Mar/mar 2003** US
(31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHODS FOR CREATING TISSUE EFFECT UTILIZING ELECTROMAGNETIC ENERGY AND A REVERSE THERMAL GRADIENT

• PROCÉDES PERMETTANT DE CREER UN EFFET SUR LE TISSU AU MOYEN D'UNE ENERGIE ELECTROMAGNETIQUE ET D'UN GRADIENT THERMIQUE INVERSE

(71) THERMAGE, INC. [US/US]; 4058 Point Eden Way, Hayward, CA 94545 (US).

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(72, 75) KNOWLTON, Edward, W. [US/US]; 5478 Blackhawk Drive, Danville, CA 94506 (US). WEBER, Bryan [US/US]; 2612 Tahoe Drive, Livermore, CA 94550 (US). LEVINSON, Mitchell [US/US]; 7924 Spyglass Court, Pleasanton, CA 94588 (US).

(74) DAVIS, Paul; Heller Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).

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

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

(51)⁷ A61N

(11) WO 2004/089461 (13) A2

(21) PCT/US2004/010265

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,100 **2 Apr/avr 2003** US
(02.04.2003)

(30) 10/810,045 **26 Mar/mar 2004** US
(26.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEFIBRILLATORS CUSTOMIZED FOR ANTICIPATED PATIENTS

- DEFIBRILLATEURS PERSONNALISES POUR PATIENTS POTENTIELS
- (71) **MEDTRONIC PHYSIO-CONTROL CORP.** [US/US]; 11811 Willows Road NE, South Bldg., P.O. Box 97006, Redmond, WA 98073-9706 (US).
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- (72) **CHAPMAN, Fred, William**; 7541 135th Avenue SE, Newcastle, WA 98059-3115 (US). **NOVA, Richard, C.**; 1205 Kirkland Avenue, Kirkland, WA 98033 (US). **HAMPTON, David, Robert**; 18130 N E 154 Street, Woodinville, WA 98072 (US). **OWEN, James, M.**; 13112 184th Avenue NE, Redmond, WA 98052 (US). **NISKANEN, Robert**; 833 NW 193rd, Shoreline, WA 98177 (US). **DAYNES, John, Carlton**; 18139 NE 99th Way, Redmond, WA 98052 (US). **STICKNEY, Ronald, Eugene**; 23014 102nd Place W, Edmonds, WA 98020 (US). **MITCHELL, Rene, Ann, Young**; 10409 180th Court N.E., Redmond, WA 98052 (US). **KAVOUNAS, Gregory, T.**; 11410 N.E. 124th Street, #216, Kirkland, WA 98034 (US).
- (74) **KELLY, Jason, D.**; Shumaker & Sieffert, P.A., 8425 Seasons Parkway, Suite 105, St. Paul, MN 55125 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61N
- (11) **WO 2004/089462** (13) A2
- (21) PCT/US2004/009827
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) en (26) en
- (30) 10/406,452 **3 Apr/avr 2003** US (03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • POWER REGULATED MEDICAL UNDERSKIN IRRADIATION TREATMENT SYSTEM
• SYSTEME DE TRAITEMENT PAR IRRADIATION MEDICALE SOUS-CUTANEE A REGULATION DE PUISSANCE
- (71) **CERAMOPTEC INDUSTRIES, INC.** [US/US]; 515 Shaker Road, East Longmeadow, MA 01028 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **NEUBERGER, Wolfgang**; 905 Beta Tower Financial Park, 87000 F.T. Labuan (MY).
- (74) **CERAMOPTEC INDUSTRIES, INC.**; SKUTNIK, Bolesh, J., 515 Shaker Road, East Longmeadow, MA 01028 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61N 1/30
- (11) **WO 2004/089464** (13) A1
- (21) PCT/US2004/009831
- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) en (26) en
- (30) 60/459,539 **31 Mar/mar 2003** US (31.03.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ELECTROTRANSPORT DEVICE HAVING A RESERVOIR HOUSING HAVING A FLEXIBLE CONDUCTIVE ELEMENT
• DISPOSITIF D'ELECTROTRANSPORT COMPORTANT UN LOGEMENT DE RESERVOIR DANS LEQUEL EST DISPOSE UN ELEMENT CONDUCTEUR SOUPLE
- (71) **ALZA CORPORATION** [US/US]; 1900 Charleston Road., M10-3B, P.O. Box 7210, Mountain View, CA 94039-7210 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **GYORY, Richard, J.**; 10 Curry Lane, Sudbury, MA 01776 (US).
- (74) **FRANCIS, Ralph, C., et al. / etc.**; Alza Corporation, c/o Johnson & Johnson, One Johnson & Johnson Plaza, WH3221, New Brunswick, NJ 08933 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ A61N 1/372
- (11) **WO 2004/089465** (13) A1
- (21) PCT/IB2004/001046
- (22) **6 Apr/avr 2004 (06.04.2004)**
- (25) en (26) en
- (30) 10/413,428 **14 Apr/avr 2003** US (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ACOUSTIC TELEMETRY APPARATUS FOR INTRABODY COMMUNICATIONS
• APPAREIL DE TELEMETRIE ACOUSTIQUE POUR COMMUNICATIONS INTRACORPORELLES
- (71) **REMON MEDICAL TECHNOLOGIES LTD** [IL/IL]; 7 Halamish Street, Caesarea Industrial Park, 38900 Caesarea (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PENNER, Avi** [IL/IL]; 1/13 Boyer Street, 69127 Tel Aviv (IL). **DORON, Eyal** [IL/IL]; 16 Marganit Street, 29500 Kiryat Yam (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

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

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

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(51)⁷ A61N 1/40, 1/06

(11) WO 2004/089466 (13) A1

(21) PCT/IT2004/000141

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) FI2003 A 000104 10 Apr/avr 2003 IT (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • APPARATUS FOR NON-DESTRUCTIVE HYPERTHERMIA THERAPY
• APPAREIL DE THERAPIE NON INVASIVE DE TRAITEMENT DE L'HYPERTHERMIE

(71) BONSEGNA, Pier, Luigi, Maria [IT/IT]; Via dei Colli, 71, I-19121 La Spezia (IT). GRASSI, Gino [IT/IT]; Via Pasqui, 19, I-50019 Sesto Fiorentino (IT).
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(71, 72) ALCIDI, Luciano [IT/IT]; Via M. Mercati, 79, I-50139 Firenze (IT).

(74) MARTINI, Lazzaro; Studio Brevetti, Ing. Dr. Lazzaro Martini S.r.l., Via dei Rustici 5, I-50122 Firenze (IT).

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

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

(51)⁷ A61N 2/02, 2/00

(11) WO 2004/089467 (13) A1

(21) PCT/EP2004/003711

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 0308323.5 10 Apr/avr 2003 GB (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ELECTROMAGNETIC STIMULATION IN PATIENTS WITH OSTEOPOROSIS

• STIMULATION ELECTROMAGNETIQUE CHEZ DES PATIENTS ATTEINTS D'OSTEOPOROSE

(71, 72) MARKOLL, Richard [US/DE]; Denninger Str. 104, 81925 München (DE).

(74) HOFFMANN EITLÉ et al. / etc.; Arabelstrasse 4, 81925 München (DE).

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

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

(51)⁷ A61N 2/04

(11) WO 2004/089468 (13) A1

(21) PCT/JP2004/004905

(22) 5 Apr/avr 2004 (05.04.2004)

(25) ja (26) ja

(30) 2003-101559 4 Apr/avr 2003 JP (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • RECHARGEABLE BATTERY-TYPE MAGNETIC THERAPY UNIT
• UNITE DE MAGNETO-THERAPIE DU TYPE A BATTERIE RECHARGEABLE

(71) SCIENCE SYSTEMS CO. LTD. [JP/JP]; 25-14, Toyo 5-chome, Koutou-ku, Tokyo, 1350016 (JP).
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(72, 75) WATANABE, Masatsugu, [JP/JP]; c/o SCIENCE SYSTEMS CO., LTD., 25-14, Toyo 5-chome, Koutou-ku, Tokyo, 1350016 (JP).

(74) SAITOH, Haruo; 11-6, Kyobashi 2-chome, Chuo-ku, Tokyo 1040031 (JP).

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

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

(51)⁷ A61N 7/00, 5/06

(11) WO 2004/089469 (13) A1

(21) PCT/US2004/002962

(22) 3 Feb/fév 2004 (03.02.2004)

(25) en (26) en

(30) 10/366,787 14 Feb/fév 2003 US (14.02.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • WOUND TREATMENT METHOD AND DEVICE
• PROCEDE DE TRAITEMENT DE PLAIES ET DISPOSITIF ASSOCIE

(71) ADVANCED MEDICAL APPLICATIONS, INC. [US/US]; d/b/a Celleration, 6570 Edenvale Blvd, Eden Prairie, MN 55346 (US).
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(72, 75) BABAIEV, Eilaz [US/US]; 5564 Bimini Drive, Minnetonka, MN 55343 (US).

(74) GEORGE, Likourezos et al. / etc.; Carter, DeLuca, Farrell & Schmidt, LLP, 445 Broad Hollow Road, Suite 225, Melville, NY 11747 (US).

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

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

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(51)⁷ A61P 3/04, A61K 31/16, 31/415

(11) WO 2004/089470 (13) A2

(21) PCT/DK2004/000250

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) PA 2003 00565 11 Apr/avr 2003 DK (11.04.2003)

(30) 60/467,800 2 May/mai 2003 US (02.05.2003)

(30) PA 2003 00972 27 Jun/juin 2003 DK (27.06.2003)

(30) PA 2003 00988 30 Jun/juin 2003 DK (30.06.2003)

(30) PA 2003 00989 30 Jun/juin 2003 DK (30.06.2003)

(30) PA 2003 00990 30 Jun/juin 2003 DK (30.06.2003)

(30) PA 2003 00998 2 Jul/juil 2003 DK (02.07.2003)

(30) 60/486,095 10 Jul/juil 2003 US (10.07.2003)

(30) 60/486,097 10 Jul/juil 2003 US (10.07.2003)

(30) 60/486,094 10 Jul/juil 2003 US (10.07.2003)

(30) 60/486,078 10 Jul/juil 2003 US (10.07.2003)

(30) 60/486,098 10 Jul/juil 2003 US (10.07.2003)

- (30) PA 2003 01910 **22 Dec/déc 2003** DK
(22.12.2003)
- (30) PA 2004 00009 **6 Jan/jan 2004** DK
(06.01.2004)
- (30) 60/537,099 **16 Jan/jan 2004** US
(16.01.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PHARMACEUTICAL USE OF SUBSTITUTED AMIDES
• UTILISATION PHARMACEUTIQUE D'AMIDES SUBSTITUEES
- (71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, Bagsværd, 2880 (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANDERSEN, Henrik, Sune** [DK/DK]; Gustav Adolfs Vej 2, Kgs. Lyngby, 2800 (DK). **KAMPEN, Gita, Camilla, Tejlgaard** [DK/DK]; Gærdebuen 18, Nærum, 2850 (DK). **CHRISTENSEN, Inge Thøger** [DK/DK]; Kulsviertoften 52, Kgs. Lyngby, 2800 (DK). **MOGENSEN, John, Patrick** [DK/DK]; Rørløkken 96, Herlev, 2730 (DK). **LARSEN, Annette Rosendal** [DK/DK]; Hallingdal 5, Kgs. Lyngby, 2800 (DK). **KILBURN, John Paul** [GB/DK]; Hjortevej 23, Haslev, 4690 (DK).
- (74) **NOVO NORDISK A/S**; Corporate Patents, Novo Allé, Bagsværd, 2880 (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A62B**
- (11) **WO 2004/089472** (13) A2
- (21) PCT/EP2004/004262
- (22) **5 Apr/avr 2004 (05.04.2004)**
- (25) en (26) en
- (30) 03/04504 **10 Apr/avr 2003** FR
(10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A STORAGE DEVICE FOR EMERGENCY EQUIPMENT
• DISPOSITIF DE STOCKAGE DESTINE A UN EQUIPEMENT DE SECOURS
- (71) **INTERTECHNIQUE** [FR/FR]; 61, rue Pierre Curie, F-78373 Plaisir Cedex (FR).
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- (72, 75) **BARDEL, Michel** [FR/FR]; 13, rue du Mercantour, F-78310 Maurepas (FR). **GUINOT, Bernard, Jean** [FR/FR]; 12, boulevard de la Reine, F-78000 Versailles (FR). **FARIN, Eric** [FR/FR]; 40, avenue Rabelais, F-94120 Fontenay sous Bois (FR).
- (74) **BURBAUD, Eric et al.** / etc.; Cabinet Plasseraud, 65/67, rue de la Victoire, F-75440 Paris Cedex 09 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61P 3/04, A61K 31/519**
- (11) **WO 2004/089471** (13) A2
- (21) PCT/DK2004/000253
- (22) **6 Apr/avr 2004 (06.04.2004)**
- (25) en (26) en
- (30) PA 2003 00569 **11 Apr/avr 2003** DK
(11.04.2003)
- (30) 60/467,453 **2 May/mai 2003** US
(02.05.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PHARMACEUTICAL USE OF SUBSTITUTED PYRAZOLO[1,5-a]PYRIMIDINES
• UTILISATION PHARMACEUTIQUE DE PYRAZOLO[1,5-a]PYRIMIDINES SUBSTITUEES
- (71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, Bagsværd, 2880 (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANDERSEN, Henrik, Sune** [DK/DK]; Gustav Adolfs Vej 2, Kgs. Lyngby, 2800 (DK). **KAMPEN, Gita, Camilla, Tejlgaard**
- [DK/DK]; Gærdebuen 18, Nærum, 2850 (DK). **CHRISTENSEN, Inge Thøger** [DK/DK]; Kulsviertoften 52, Kgs. Lyngby, 2800 (DK). **MOGENSEN, John, Patrick** [DK/DK]; Rørløkken 96, Herlev, 2730 (DK). **LARSEN, Annette Rosendal** [DK/DK]; Hallingdal 5, Kgs. Lyngby, 2800 (DK). **KILBURN, John Paul** [GB/DK]; Hjortevej 23, Haslev, 4690 (DK).
- (74) **NOVO NORDISK A/S**; Corporate Patents, Novo Allé, Bagsværd, 2880 (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Declaration / Déclaration :
(u) *for / pour US only / seulement*
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- (51)⁷ **A62B 18/08**
- (11) **WO 2004/089473** (13) A1
- (21) PCT/EP2004/004261
- (22) **5 Apr/avr 2004 (05.04.2004)**
- (25) en (26) en
- (30) 03/04503 **10 Apr/avr 2003** FR
(10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A PROTECTIVE SHIELD, AND PROTECTIVE EQUIPMENT INCLUDING SUCH A SHIELD AND A STORAGE BOX
• ECRAN PROTECTEUR ET EQUIPEMENT DE PROTECTION COMPRENANT UN TEL ECRAN ET BOITE DE STOCKAGE
- (71) **INTERTECHNIQUE** [FR/FR]; 61, rue Pierre Curie, F-78373 Plaisir Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BARDEL, Michel** [FR/FR]; 13, rue du Mercantour, F-78310 Maurepas (FR).
- (74) **BURBAUD, Eric et al.** / etc.; Cabinet Plasseraud, 65/67, rue de la Victoire, F-75440 Paris Cedex 09 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ **A62C 2/08, 3/00, 35/58**
- (11) **WO 2004/089474** (13) A1
- (21) PCT/JP2004/003389
- (22) **15 Mar/mar 2004 (15.03.2004)**
- (25) ja (26) ja
- (30) 2003-101077 **4 Apr/avr 2003** JP
(04.04.2003)
- (30) 2004-006545 **14 Jan/jan 2004** JP
(14.01.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FIRE/SMOKE PROTECTION ZONE FORMATION SYSTEM
• SYSTEME DE FORMATION D'UNE ZONE DE PROTECTION CONTRE LE FEU/LA FUMEE
- (71) **HOCHIKI CORPORATION** [JP/JP]; 10-43, Kamiosaki 2-chome, Shinagawa-ku, Tokyo 141-8660 (JP). **KAJIMA CORPORATION** [JP/JP]; 2-7, Motoakasaka 1-chome, Minato-ku, Tokyo 107-8388 (JP).
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(72, 75) SATOH, Hiroomi [JP/JP]; c/o Kajima Corporation, 2-7, Motoakasaka 1-chome, Minato-ku, Tokyo 107-8388 (JP). KURIOKA, Hitoshi [JP/JP]; c/o Kajima Corporation, 2-7, Motoakasaka 1-chome, Minato-ku, Tokyo 107-8388 (JP). AMANO, Reiko [JP/JP]; c/o Kajima Corporation, 2-7, Motoakasaka 1-chome, Minato-ku, Tokyo 107-8388 (JP). IZUSHI, Youichi [JP/JP]; c/o Kajima Corporation, 2-7, Motoakasaka 1-chome, Minato-ku, Tokyo 107-8388 (JP). TSUJI, Toshihide [JP/JP]; c/o Hochiki Corporation, 10-43, Kamiosaki 2-chome, Shinagawa-ku, Tokyo 141-8660 (JP). ISHIDA, Hiroshi [JP/JP]; c/o Hochiki Corporation, 10-43, Kamiosaki 2-chome, Shinagawa-ku, Tokyo 141-8660 (JP). HAYASHI, Tatsuya [JP/JP]; c/o Hochiki Corporation, 10-43, Kamiosaki 2-chome, Shinagawa-ku, Tokyo 141-8660 (JP).

(74) TAKEUCHI, Susumu; 8 Floor, Shimizu Building, 25-47, Nishi-Shinbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).

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

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

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(54) • GOLF CLUB HEAD
• TETE DE CLUB DE GOLF

(71) CALLAWAY GOLF COMPANY [—/US]; 2180 Rutherford Road, Carlsbad, CA 92008-7328 (US).
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(71, 72) HOCKNELL, Alan [—/US]; 412 West E Street, Unit A, Encinitas, CA 92024 (US). GALLOWAY, J., Andrew [—/US]; 10197 Quail Glen Way, Escondido, CA 92029 (US).

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

Declaration / Déclaration :

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• PROCÉDES ET DISPOSITIF POUR DES JEUX SPORTIFS A BASE DE DES

(71, 72) POULOS, Jeff [US/US]; 20 Quaker Ridge Road, Brookville, NY 11545 (US).

(74) AVELLONE, Anne, C.; Unipat. Org, Two Lincoln Square, Suite 36J, New York, NY 10023 (US).

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

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(54) • SUBSTANTIALLY CONSTANT-FORCE EXERCISE MACHINE
• APPAREIL D'EXERCICE A FORCE ESSENTIELLEMENT CONSTANTE

(71) BRIGHAM YOUNG UNIVERSITY [US/US]; A-285 Abraham Smoot Building, P.O. Box 21231, Provo, UT 84602-1231 (US).

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(72, 75) HOWELL, Larry, L. [US/US]; 1624 North Main, Orem, UT 84057 (US). MABLEBY, Spencer, P. [US/US]; 2025 Stadium Lane, Provo, UT 84604 (US).

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

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• JEU DE RETOUR DE BALLE

(71, 72) LAMBERTI, Catherine, B. [US/US]; 5045-A 6th Street, Carpinteria, CA 93013 (US).

(72) WITTMER-GRANT, Franke; 213 Calle Manzanita, Santa Barbara, CA 93105 (US). OSBALDESTON, Timothy, J.; 6797 Santa Barbara Avenue, Ventura, CA 93001 (US).

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

(51)⁷ A63B 57/00

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- (54) • A GOLF TEE, A METHOD AND AN ARRANGEMENT FOR MANUFACTURING GOLF TEES
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- (71, 72) ECKESTRÖM, Göran [SE/SE]; Sveavägen 4, S-133 34 Saltsjöbaden (SE). HJELM, Peter [SE/SE]; Munkholmsvägen 2 B, S-193 40 Sigtuna (SE).
- (74) JOHANSSON WEBJÖRN, Ingmari et al. / etc.; GROTH & CO. KB, Box 6107, S-102 32 Stockholm (SE).
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) en (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DEVICE FOR SUPPORTING A GOLF BALL
- DISPOSITIF DE SUPPORT D'UNE BALLE DE GOLF
- (71) JUI-SHENG (SINGAPORE) PTE LTD [SG/SG]; 152 Paya Lebar Road #05-03, Citipoint Industrial Complex, Singapore 409020, 409020 Singapore (SG).
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- (72, 75) LEE, Whatt Kiah [SG/SG]; c/o JUI-SHENG (SINGAPORE) PTE LTD, 152 Paya Lebar Road #05-03, Citipoint Industrial Complex, Singapore 409020, 409020 Singapore (SG).
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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 HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (71, 72) HABUKI, Shigeru [JP/JP]; 203, Nikamiso, 4-4-17, Tsunashimahigashi, Kohoku-ku, Yokohama-shi, Kanagawa 223-0052 (JP).
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • A SYSTEM OF PROVIDING GAMBLING GAME
- SYSTEME DE CREATION D'UN JEU DE HASARD
- (71) SCHEINHERR, David [CZ/CZ]; Holeckova 2650/86, 150 00 Praha 5 (CZ).
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- (71, 72) VARGA, Zdenek [CZ/CZ]; Nam. U Lipy Svobody 1/9, 107 00 Praha 10 (CZ).
- (74) TONINGEROVA, Daniela; Kamenicka 3, 170 00 Praha 7 (CZ).
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (22) 12 Apr/avr 2004 (12.04.2004)
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- (71, 72) GEE, Steven, William [GB/GB]; 1 South Lynn Gardens, London Road, Shipston on Stour CV36 4ER (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
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(71, 72) TANAKA, Kyota [JP/JP]; 3-4-13-304,
Miyamaedaira, Miyamae-ku, Kawasaki-shi,
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6-18-23, Yakoh, Tsurumi-ku., Yokohama-shi,
Kanagawa 203 (JP). KOMORIYA, Yuichiro
[JP/JP]; 5-7-22, Ikegami, Ohta-ku., Tokyo
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(54) • GAME APPARATUS

• APPAREIL DE JEU

(71, 72) ADAMS, Paul [GB/GB]; 87 Blackfen
Road, Sidcup, Kent DA15 8PZ (GB).

(74) GILL JENNINGS & EVERY; Broadgate
House, 7 Eldon Street, London EC2M 7LM
(GB).

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

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

(51)⁷ A63H 29/10, 29/12, 29/14, 29/16, 23/00,
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VICE

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OU DIDACTIQUE

(71, 72) WICKS, Nigel, Earl [GB/GB]; 16
Phillips Court, Stamford, Lincolnshire
PE9 2EE (GB). PEARSON, Allen, John
[GB/GB]; Origin Product Design, Causeway
Road, Broughton, Cambridgeshire PE28
3AS (GB). SEARIS, Christopher, Paul
[GB/NO]; Dugnadveien 3, N-1346 Gjetttum
(NO).

(74) MAGUIRE BOSS; 5 Crown Street, St. Ives,
Cambridgeshire PE27 5EB (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
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(54) • WORKING APPLIANCE AND BAT-
TERY MOUNTING APPARATUS WITH
BATTERY MOUNTING PART FOR MO-
BILE COMMUNICATIONS DEVICES

• DISPOSITIF FONCTIONNEL ET APPA-
REIL DE MONTAGE DE BATTERIES
AVEC PIECE DE MONTAGE DE BAT-
TERIES POUR DISPOSITIFS DE COM-
MUNICATIONS MOBILES

(71, 72) YOO, KyungMin [KR/KR]; B-dong
202ho, Dongbu Villa, 2beonji, Umyeon-
dong, Seocho-gu, Seoul 137-900 (KR).

(74) PARK, HeeJin; 401, Miele Haus Building,
607-10, Yeoksam-dong, Gangnam-gu, Seoul
135-080 (KR).

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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 KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN

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

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

(51)⁷ A63H 29/22

(11) WO 2004/089491 (13) A1

(21) PCT/KR2003/000872

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ko (26) en

(30) 20-2003-0010589 8 Apr/avr 2003 KR
(08.04.2003)

(30) 10-2003-0026778 28 Apr/avr 2003 KR
(28.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A WORKING APPLIANCE WITH A
BATTERY MOUNTING PART FOR USE
OF A BATTERY FOR MOBILE COM-
MUNICATION EQUIPMENT AND A
MOUNTING APPARATUS FOR RE-
CEIVING THE BATTERY

• APPAREIL COMPRENANT UNE PAR-
TIE DE MONTAGE DE BATTERIE A
UTILISER AVEC UNE BATTERIE DES-
TINEE A UN EQUIPEMENT DE COM-
MUNICATION MOBILE ET APPAREIL
DE MONTAGE LOGEANT LA BATTE-
RIE

(71, 72) YOO, KyungMin [KR/KR]; B-dong
202ho, Dongbu Villa, 2beonji, Umyeon-
dong, Seocho-gu, Seoul 137-900 (KR).

(74) PARK, HeeJin; 401, Miele Haus Building,
607-10, Yeoksam-dong, Gangnam-gu, Seoul
135-080 (KR).

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

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

(51)⁷ A63H 30/04, H04Q 9/00

(11) WO 2004/089492 (13) A1

(21) PCT/JP2004/004530

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-099158 2 Apr/avr 2003 JP
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • REMOTE OPERATION TOY, RADIO
DEVICE AND DRIVE DEVICE USED
FOR THE SAME, AND METHOD FOR
SETTING ID CODE IN REMOTE OP-
ERATION TOY

• JOUET TELECOMMANDE, DIS-
POSITIF RADIO ET DISPOSITIF

D'ENTRAINEMENT UTILISES POUR
CELUI-CI, ET PROCEDE DE DEFINI-
TION D'UN CODE D'IDENTIFICATION
DANS UN JOUET TELECOMMANDE

(71) KONAMI CORPORATION [JP/JP]; 4-1,
Marunouchi 2-chome, Chiyoda-ku, Tokyo,
1006330 (JP).

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

(72, 75) HAYASHI, Ryoji [JP/JP]; c/o KONAMI
CORPORATION, 4-1, Marunouchi 2-chome,
Chiyoda-ku, Tokyo, 1006330 (JP).

(74) YAMAMOTO, Koji; c/o Tokyo Central
Patent Firm 4th Floor, Oak Building Ky-
obashi 16-10, Kyobashi 1-chome, Chuou-ku,
Tokyo, 1040031 (JP).

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

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

(51)⁷ A63H 33/04

(11) WO 2004/089493 (13) A1

(21) PCT/IB2003/004197

(22) 25 Sep/sep 2003 (25.09.2003)

(25) en (26) en

(30) IM2003A000005 7 Apr/avr 2003 IT
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ACCESSORY FOR MAGNETIC CON-
STRUCTION GAMES

• ACCESSOIRE POUR JEU DE
CONSTRUCTION MAGNETIQUE

(71, 72) BARONE, Natale [IT/MC]; 46, Boule-
vard des Moulins, 98000 Monaco (MC).

(74) PIZZOLI, Antonio et al. / etc.; Società Ital-
iana Brevetti, S.p.A., Via Carducci 8, 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 EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

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

(51)⁷ A63H 33/04, G09B 1/38, 23/04, 23/26

(11) WO 2004/089494 (13) A1

(21) PCT/IB2003/004204

(22) 25 Sep/sep 2003 (25.09.2003)

(25) en (26) en

(30) IM2003A000001 7 Apr/avr 2003 IT
(07.04.2003)

(30) IM2003A000002 7 Apr/avr 2003 IT
(07.04.2003)

(30) IM2003A000004 7 Apr/avr 2003 IT
(07.04.2003)

(30) IM2003A000008 15 Apr/avr 2003 IT
(15.04.2003)

(30) IM2003A000009 15 Apr/avr 2003 IT
(15.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ACCESSORY FOR MAGNETIC CON-
STRUCTION GAMES

• ACCESSOIRE POUR JEU DE
CONSTRUCTION MAGNETIQUE

(71, 72) BARONE, Natale [IT/MC]; 46, Boule-
vard des Moulins, MC-98000 Monaco (MC).

(74) PIZZOLI, Antonio et al. / etc.; Società Ital-
iana Brevetti S.p.A., Via Carducci 8, 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 EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

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

(51)⁷ A63H 33/04

(11) WO 2004/089495 (13) A1

(21) PCT/IB2003/004208

(22) 25 Sep/sep 2003 (25.09.2003)

(25) en (26) en

(30) IM2003A000003 7 Apr/avr 2003 IT
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ACCESSORY FOR MAGNETIC CON-
STRUCTION GAMES

• ACCESSOIRE POUR JEU DE
CONSTRUCTION MAGNETIQUE

(71, 72) BARONE, Natale [IT/MC]; 46 Boule-
vard des Moulins, 98000 Monaco (MC).

(74) PIZZOLI, Antonio et al. / etc.; Società Ital-
iana Brevetti S.p.A., Via Carducci 8, 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 EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

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

(51)⁷ A63H 33/04

(11) WO 2004/089496 (13) A1

(21) PCT/IB2004/001089

(22) 7 Apr/avr 2004 (07.04.2004)

(25) it (26) en

(30) IM2003A000005 7 Apr/avr 2003 IT (07.04.2003)

(30) IM2003A000012 1 Dec/déc 2003 IT (01.12.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ACCESSORY FOR MAGNETIC CONSTRUCTION GAMES

• ACCESSOIRE POUR JEUX DE CONSTRUCTION MAGNETIQUES

(71, 72) BARONE, Natale [IT/MC]; 46, Boulevard des Moulins, 98000 Monaco (MC).

(74) PIZZOLI, Antonio et al. / etc.; Società Italiana Brevetti S.p.A., Via Carducci 8, I-20123 Milano (IT).

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

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

(51)⁷ B01D

(11) WO 2004/089497 (13) A2

(21) PCT/US2004/010062

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,457 1 Apr/avr 2003 US (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CURVED SIDE OIL OR FLUID SEPARATOR ELEMENT

• ELEMENT SEPARATEUR D'HUILE OU D'AUTRE LIQUIDE, A COTE INCURVE

(71) COLTEC INDUSTRIES, INC. [US/US]; 5605 Carnegie Boulevard, Charlotte, NC 28209-4674 (US).

(72) TANG, Yan; 9655 Aspen Circle, Daphne, AL 36526 (US).

(74) MARCOU, George T.; 607 14th Street, Suite 900, Washington, DC 20005 (US).

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

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B01D

(11) WO 2004/089498 (13) A2

(21) PCT/US2004/010124

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/408,035 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND APPARATUS FOR SEPARATING LIQUID FROM A GAS STREAM

• PROCEDE ET APPAREIL PERMETTANT DE SEPARER UN LIQUIDE D'UN FLUX GAZEUX

(71) TEXACO DEVELOPMENT CORPORATION [US/US]; 6001 Bollinger Canyon Road, 3rd Floor, San Ramon, CA 94583 (US).

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

(71, 72) WHEAT, William, S. [US/US]; 3413 Crosby Landing, Missouri City, TX 77459 (US). HARRISON, David, W., Sr. [US/US]; 13719 Flagstone, Houston, TX 77041 (US). CASEY, Daniel, G. [US/US]; 5614 Sycamore Creek, Kingwood, TX 77345 (US). SPILKER, Kerry, K. [US/US]; 939 Deepwell, Houston, TX 77024 (US).

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

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

(51)⁷ B01D

(11) WO 2004/089499 (13) A2

(21) PCT/US2004/010248

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,363 3 Apr/avr 2003 US (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONFIGURATIONS AND METHODS OF CARBON CAPTURE

• CONFIGURATIONS D'INSTALLATION ET PROCEDES POUR LA CAPTURE DU CARBONE

(71) FLUOR CORPORATION [US/US]; Legal Services Group, F3K, One Enterprise Drive, Aliso Viejo, CA 92656-2606 (US).

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

(72, 75) REDDY, Satish [US/US]; 7 Falling Leaf, Irvine, CA 92708 (US). VYAS, Sunil [US/US]; 53 Westgate, Laguna Niguel, CA 92677 (US). SCHERFFIUS, Jeffrey [US/US]; 1 Kara Ct., Aliso Viejo, CA 92656 (US).

(74) RUTAN & TUCKER, LLP et al. / etc.; P.O. Box 1950, 611 Anton Blvd., 14th Floor, Costa Mesa, CA 92628-1950 (US).

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

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

(51)⁷ B01D

(11) WO 2004/089500 (13) A2

(21) PCT/US2004/010581

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 10/407,638 4 Apr/avr 2003 US (04.04.2003)

(30) 10/408,058 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SURFACE MODIFICATION OF POROUS METALS

• MODIFICATION DE LA SURFACE DE METAUX POREUX

(71) MESOFUEL, INC. [US/US]; 1001 Menaul Boulevard, N.E., Albuquerque, NM 87107 (US).

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

(72, 75) CHELLAPPA, Anand [US/US]; 1001 Menaul Boulevard, N.E., Albuquerque, NM 87107 (US). POWELL, Michael [US/US]; 1001 Menaul Boulevard N.E., Albuquerque, NM 87107 (US). CALL, Charles [US/US]; 1001 Menaul Boulevard, N.E., Albuquerque, NM 87107 (US).

(74) KRIETZMAN, Mark et al. / etc.; Greenberg Traurig LLP, 2450 Colorado Avenue, Suite 400E, Santa Monica, CA 90404 (US).

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

- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) *for / pour US only / seulement*
- (51)⁷ B01D
- (11) WO 2004/089501 (13) A2
(21) PCT/US2004/006597
(22) 5 Mar/mar 2004 (05.03.2004)
(25) en (26) en
(30) 60/452,572 6 Mar/mar 2003 US (06.03.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND A COMPOSITE FOR MERCURY CAPTURE FROM FLUID STREAMS
• PROCEDE ET COMPOSITE POUR EXTRACTION DE MERCURE SUR FLUX DE FLUIDE
- (71) UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED [US/US]; 226 Tigert Hall, Gainesville, FL 32611 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAZYCK, David, W. [US/US]; 9505 NW 4th Place, Gainesville, FL 32607 (US).
WU, Chang-Yu [US/US]; 5400 NW 39th Avenue, Apt. L100, Gainesville, FL 32606 (US).
PITONIAK, Erik, R. [US/US]; 117 NW 15th Street, Gainesville, FL 32603 (US).
POWERS, Kevin, W. [US/US]; 5007 NW 75th Lane, Gainesville, FL 32653 (US).
LONDEREE, Danielle, J. [US/US]; 281 SE 18th Avenue, Deerfield Beach, FL 33441 (US).
- (74) CALLAHAN, John, T. et al. / etc.; Sughrue Mion, PLLC, 2100 Pennsylvania Ave., N.W., Suite 800, Washington, DC 20037-3213 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ B01D
- (11) WO 2004/089502 (13) A2
(21) PCT/US2004/009885
(22) 30 Mar/mar 2004 (30.03.2004)
(25) en (26) en
- (30) 10/404,965 31 Mar/mar 2003 US (31.03.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SELF-CLEANING FILTER SYSTEM WITHIN REACTION OR RETENTION VESSELS
• SYSTEME DE FILTRAGE AUTONETTOYANT AU SEIN DE CUVES DE RETENTION ET DE REACTION
- (71) HAYDOCK INTELLECTUAL PROPERTIES, L.L.C. [US/US]; 6340 S. Castlefield Lane, Murray, UT 84107-7577 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) HAYDOCK, Frederick, J.; 6340 S. Castlefield Lane, Murray, UT 84107-7577 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ B01D 9/04, 9/02
- (11) WO 2004/089503 (13) A1
(21) PCT/NL2004/000236
(22) 8 Apr/avr 2004 (08.04.2004)
(25) en (26) en
(30) 03100976.4 10 Apr/avr 2003 EP (10.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A PROCESS FOR THE RECOVERY AND/OR PURIFICATION OF AN ORGANIC COMPOUND
• PROCEDE DE RECUPERATION ET/OU DE PURIFICATION D'UN COMPOSE ORGANIQUE
- (71) DSM IP ASSETS B.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GRIMBERGEN, Reinier, Franciscus, Petrus [NL/NL]; Kasteel Osenstraat 15, NL-6043 HW Roermond (NL).
- (74) HERMANS, Edith, Elisabeth, Hermine; DSM Intellectual Property, P.O. Box 9, NL-6160 MA Geleen (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ B01D 15/08
- (11) WO 2004/089504 (13) A1
(21) PCT/DK2004/000234
(22) 2 Apr/avr 2004 (02.04.2004)
(25) en (26) en
(30) PA 2003 00536 8 Apr/avr 2003 DK (08.04.2003)
(30) 60/462,949 15 Apr/avr 2003 US (15.04.2003)
(30) PA 2004 00098 26 Jan/jan 2004 DK (26.01.2004)
(30) 60/539,875 27 Jan/jan 2004 US (27.01.2004)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • REGENERATION OF CHROMATOGRAPHIC STATIONARY PHASES
• REGENERATION DE PHASES STATIONNAIRES CHROMATOGRAPHIQUES
- (71) NOVO NORDISK A/S [DK/DK]; Novo Allé, Dk-2880 Bagsværd (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LARSEN, Per [DK/DK]; Morlenesvej 1, DK-2840 Holte (DK).
SCHOU, Ole [DK/DK]; Kirsebærvej 16, DK-4773 Stensved (DK).
RASMUSSEN, Eigil, Schröder [DK/DK]; Gammel Strand 38, 1, DK-1202 København K (DK).
- (74) NOVO NORDISK A/S; Corporate Patents, Novo Allé, DK-2880 Bagsværd (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 24/02, 24/04, 24/30, 24/36, 24/38, 24/40, 24/46
- (11) WO 2004/089505 (13) A1
(21) PCT/GB2004/001351
(22) 31 Mar/mar 2004 (31.03.2004)
(25) en (26) en
(30) 0308291.4 10 Apr/avr 2003 GB (10.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • FILTRATION APPARATUS
• APPAREIL DE FILTRAGE
- (71) DYNAMIC PROCESSING SOLUTIONS PLC [GB/GB]; Dynamic House, 8-10 Combe Road, Portishead, Bristol BS20 6BJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARKINSON, David, John [GB/GB]; Arodene, Walton-in-Gordano, Clevedon, North Somerset BS21 7AR (GB).
- (74) GILES, Ashley, Simon; Haseltine Lake, Imperial House, 15-19 Kingsway, London WC2B 6UD (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ B01D 29/01, 24/04
- (11) WO 2004/089506 (13) A1
- (21) PCT/GB2004/001602
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) en (26) en
- (30) 0308622.0 14 Apr/avr 2003 GB (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • GEOSYNTHETIC COMPOSITE
• COMPOSITE GEOSYNTHETIQUE
- (71, 72) ROLFE, Harry [GB/GB]; 29 Roker Park Road, Sunderland SR6 9PG (GB).
AWOLEYE, Emanuel, Olumuyiwa, Adebayo [GB/GB]; 50 Hawthorne Avenue, Haxby, York YO32 3RN (GB).
- (74) AWOLEYE, Emanuel, Olumuyiwa, Adebayo; 50 Hawthorne Avenue, Haxby, York YO32 3RN (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

- (51)⁷ B01D 39/00
- (11) WO 2004/089507 (13) A2
- (21) PCT/FR2004/050144
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) fr (26) fr
- (30) 03/04172 3 Apr/avr 2003 FR (03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DEVICE FOR FILTERING SOOT PARTICLES FROM EXHAUST GAS AND METHOD FOR THE PRODUCTION OF SAID FILTERING DEVICE
• DISPOSITIF DE FILTRATION DES PARTICULES DE SUIES DE GAZ D'ÉCHAPPEMENT ET PROCÉDE POUR LA FABRICATION D'UN TEL DISPOSITIF DE FILTRATION
- (71) FAURECIA SYSTEMES D'ÉCHAPPEMENT (Société par actions simplifiée) [FR/FR]; 2, rue Hennape, F-92000 Nanterre (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) POUTOT, Benoit [FR/FR]; 5, rue Neuve, F-25310 Blamont (FR).
- (74) RHEIN, Alain; CABINET BLEGER-RHEIN, 8, avenue Pierre Mendès France, F-67300 Schiltigheim (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ B01D 39/00
- (11) WO 2004/089508 (13) A1
- (21) PCT/KR2004/000856
- (22) 14 Apr/avr 2004 (14.04.2004)
- (25) ko (26) en
- (30) 10-2003-0023515 14 Apr/avr 2003 KR (14.04.2003)
- (30) 10-2004-0012642 25 Feb/fév 2004 KR (25.02.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CATALYTIC FILTER FOR REMOVING SOOT PARTICULATES FROM DIESEL ENGINE EXHAUST AND METHOD OF PREPARING THE SAME
• FILTRE CATALYTIQUE UTILISE POUR EXTRAIRE DES PARTICULES DE SUIE DE L'ÉCHAPPEMENT DES MOTEURS DIESEL ET PROCÉDE DE FABRICATION
- (71) SK CORPORATION [KR/KR]; 99 Seorindong Jongro-ku, Seoul 110-110 (KR).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) KIM, Young-Woo [KR/KR]; 109-204 Chunggoo Apt., Jeonmin-dong, Yusong-gu, Daejeon 305-390 (KR). MIN, Joon-Seok [KR/KR]; 106-404 Expo Apt., 464-1 Jeonmin-dong Yusong-gu, Daejeon 305-761 (KR). KIM, Sung-Hyoan [KR/KR]; 102-905 Sejong Apt., Jeonmin-dong, Yusong-gu, Daejeon 305-728 (KR). LEE, Chang-Q [KR/KR]; 104-1108 Sangroksoo Apt., Mannyun-dong, Seo-gu, Daejeon 302-781 (KR). MIN, Wha-Sik [KR/KR]; 101-602 Expo Apt., Jeonmin-dong, Yusong-gu, Daejeon 305-761 (KR).
- (74) 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ B01D 39/00
- (11) WO 2004/089509 (13) A2
- (21) PCT/US2004/010284
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/460,375 4 Apr/avr 2003 US (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FILTER MEDIA PREPARED IN AQUEOUS SYSTEM INCLUDING RESIN BINDER
• SUPPORT DE FILTRE PREPARE DANS UN SYSTEME AQUEUX COMPRESANT UN LIANT A BASE DE RESINE
- (71) DONALDSON COMPANY, INC. [US/US]; 1400 West 94th Street, P.O. Box 1299, Minneapolis, MN 55440-1299 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JODI, Wijadi [ID/US]; 1791 Riverwood Drive, Burnsville, MN 55337 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

- CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- (51)⁷ **B01D 53/047**
- (11) **WO 2004/089510** (13) A2
- (21) PCT/FR2004/050123
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) fr (26) fr
- (30) 03 04106 **2 Apr/avr 2003** FR
(**02.04.2003**)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CARRIER-BORNE SYSTEM FOR THE PRODUCTION OF OXYGEN-ENRICHED GAS STREAMS AND METHOD FOR SUPPLYING THE AIRWAYS OF THE OCCUPANTS OF AN AIRCRAFT
- SYSTEME EMBARQUE DE PRODUCTION DE FLUX GAZEUX ENRICHÉ EN OXYGENE ET PROCEDE POUR ALIMENTER LES VOIES AERENNES D'OCCUPANTS D'UN AERONEF
- (71) **L'AIR LIQUIDE, SOCIÉTÉ ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉDES 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) **LESSI, Stéphane** [FR/FR]; 32, rue Gabriel Péri, F-38000 GRENOBLE (FR).
SCHMUTZ, Nicolas [FR/FR]; 10bis, boulevard Gambetta, F-38000 GRENOBLE (FR).
- (74) **LE MOENNER, Gabriel**; L'AIR LIQUIDE S.A., Direction Propriété Intellectuelle, 75, quai d'Orsay, F-75321 PARIS CEDEX 07 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 53/14, 53/50**
- (11) **WO 2004/089511** (13) A1
- (21) PCT/EP2003/010620
- (22) **24 Sep/sep 2003 (24.09.2003)**
- (25) en (26) en
- (30) MI2003A000765 **11 Apr/avr 2003** IT
(**11.04.2003**)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • BLASTING PROCESS OF ACIDIC GASES IN GASEOUS EFFLUENTS
- PROCEDE DE SOUFFLAGE DE GAZ ACIDES DANS DES EFFLUENTS GAZEUX
- (71) **GRUPPO PUBLIC CONSULT S.P.A.** [IT/IT]; Corso Sempione, 67, I-20149 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PASSARO, Biagio** [IT/IT]; Via Ciro Menotti, 13, I-20061 Carugate (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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ **B01D 53/14, 53/62, 53/86**
- (11) **WO 2004/089512** (13) A1
- (21) PCT/US2004/009962
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) en (26) en
- (30) 60/460,532 **4 Apr/avr 2003** US
(**04.04.2003**)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • POLYAMINE/ALKALI SALT BLENDS FOR CARBON DIOXIDE REMOVAL FROM GAS STREAMS
- MELANGES DE SEL ALCALIN /POLYAMINE PERMETTANT D'ELIMINER LE DIOXYDE DE CARBONE D'ECOULEMENTS GAZEUX
- (63) US 60/460,532 (CIP)
4 Apr/avr 2003 (04.04.2003)
- (71) **THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; Board Of Regents, 201 W. 7th Street, Austin, TX 78701 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROCHELLE, Gary** [US/US]; 10103 Vaquero Trail _____, Austin, TX 78759 _____ (US).
CULLINANE, John [US/US]; 2801 Wells Branch, Apt. #1334, Austin, TX 78728 (US).
- (74) **BARRETT, Michael, C.**; Fulbright & Jaworski, L.L.P., Suite 2400, 600 Congress Avenue, Austin, TX 78701 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **B01D 53/52, C02F 1/28, B09C 1/08, B01J 20/12**
- (11) **WO 2004/089513** (13) A1
- (21) PCT/JP2003/004322
- (22) **4 Apr/avr 2003 (04.04.2003)**
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR CLARIFYING TOXIC GAS, CONTAMINATED SOIL OR CONTAMINATED WATER
- PROCEDE PERMETTANT DE CLARIFIER UN GAZ TOXIQUE, UN SOL OU DE L'EAU CONTAMINE
- (71, 72) **YOSHIZAWA, Kayoko** [JP/JP]; 679-13, Kamitomatsuri-machi, Utsunomiya-shi, Tochigi 320-0051 (JP).
- (72, 75) **YOSHIZAWA, Michiyasu** [JP/JP]; 679-13, Kamitomatsuri-machi, Utsunomiya-shi, Tochigi 320-0051 (JP).
NAKAJIMA, Yasushi [JP/JP]; 2-11, Higashitaraki, Utsunomiya-shi, Tochigi 320-0062 (JP).
- (74) **TAKEDA, Kenichi et al. / etc.**; K. TAKEDA & ASSOCIATES, Toranomon South Building, 24-11, Toranomon 1-chome, Minato-ku, Tokyo, 105-0001 (JP).
- (81) CN IN JP MN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ **B01D 53/52, 53/48**
- (11) **WO 2004/089514** (13) A1
- (21) PCT/SE2004/000466
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 0301071-7 **11 Apr/avr 2003** SE
(**11.04.2003**)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR DESULPHURISATION OF SYNGAS
- PROCEDE DE DESULFURATION DE GAZ DE SYNTHÈSE
- (71) **HÖGANÄS AB** [SE/SE]; S-263 83 Höganäs (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HESBÖL, Rolf** [SE/SE]; Sagostigen 4, S-611 45 Nyköping (SE).
BARRETTIN, Karl-Axel [SE/SE]; Skanörögatan 11, S-263 58 Höganäs (SE).
EKLUND, Fredrik [SE/SE]; Hvitfeldtsgränd 7c, S-411 20 Göteborg (SE).
- (74) **AWAPATENT AB**; Box 5117, S-200 71 Malmö (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

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

(51)⁷ B01D 53/68, 53/86

(11) WO 2004/089515 (13) A1

(21) PCT/JP2004/004488

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 2003-098603 1 Apr/avr 2003 JP (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • METHOD AND APPARATUS FOR TREATING EXHAUST GAS
• PROCEDE ET APPAREIL DE TRAITEMENT D'UN GAZ D'ÉCHAPPEMENT

(71) EBARA CORPORATION [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORI, Yoichi [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP). SHINOHARA, Toyoji [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP). SUZUKI, Yasuhiko [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP).

(74) WATANABE, Isamu et al. / etc.; GOWA Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 1600023 (JP).

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

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

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

(51)⁷ B01D 53/94, F01N 3/20, 11/00, G01L 19/04

(11) WO 2004/089516 (13) A1

(21) PCT/EP2004/050287

(22) 11 Mar/mar 2004 (11.03.2004)

(25) de (26) de

(30) 10316184.8 9 Apr/avr 2003 DE (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • METHOD FOR DOSING A REAGENT IN THE WASTE GAS FLOW OF AN INTERNAL COMBUSTION ENGINE
• PROCÉDÉ POUR DOSER UN AGENT DE RÉACTIF DANS LE FLUX DE GAZ D'ÉCHAPPEMENT D'UN MOTEUR À 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) GERLACH, Michael [DE/DE]; Reiheweg 5, 71336 Waiblingen-Neustadt (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).

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

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

(51)⁷ B01D 59/30, A61K 51/12, C22B 59/00

(11) WO 2004/089517 (13) A1

(21) PCT/GB2004/001548

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 0308407.6 11 Apr/avr 2003 GB (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • METHOD OF OBTAINING GALLIUM-68 AND USE THEREOF AND DEVICE FOR CARRYING OUT SAID METHOD
• PROCEDE PERMETTANT D'OBTENIR DU GALLIUM-68, UTILISATION DE CELUI-CI ET DISPOSITIF PERMETTANT DE METTRE EN OEUVRE CE PROCEDE

(71) AMERSHAM PLC [GB/GB]; Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VELIKYAN, Irina [AM/SE]; Uppsala Imanet AB, Uppsala University PET Centre, Akademiska Sjukhset, S-751 85 Uppsala (SE). LANGSTROM, Bengt [SE/SE]; Uppsala Imanet AB, Uppsala University PET Centre, Akademiska Sjukhset, S-751 85 Uppsala (SE). BEYER, Gerd, J. [DE/CH]; Cuclotron Unite, Dept. Radiologie, Hopitaux Universitaires De Geneve, CH-1211 Geneve 14 (CH).

(74) CANNING, Lewis, R. et al. / etc.; Amersham plc, Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).

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

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

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(51)⁷ B01D 61/12, 63/02, C12P 13/02

(11) WO 2004/089518 (13) A1

(21) PCT/JP2004/004534

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-101832 4 Apr/avr 2003 JP (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • FILTRATION METHOD USING CROSS-FLOW FILM AND PRODUCING METHOD OF ACRYLAMIDE USING THE SAME

• PROCEDE DE FILTRATION FAISANT APPEL A UN FILM A COURANT TRANSVERSAL, ET PROCEDE DE PRODUCTION D'ACRYLAMIDE IMPLIQUANT LA MISE EN OEUVRE DE CE PROCEDE DE FILTRATION

(71) DIA-NITRIX CO., LTD. [JP/JP]; 12-5, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BANBA, Hiroyasu [JP/JP]; c/o Mitsubishi Rayon Co., Ltd., Yokohama Research Laboratories, 10-1, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0053 (JP). MURAO, Kozo [JP/JP]; c/o Dia-Nitrix Co., Ltd., Research Laboratory, 10-1, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0053 (JP). ISHII, Katsuo [JP/JP]; c/o Dia-Nitrix Co., Ltd., Research Laboratory, 10-1, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0053 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

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

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 63/16
(11) WO 2004/089519 (13) A1
(21) PCT/EP2004/002482
(22) 11 Mar/mar 2004 (11.03.2004)
(25) de (26) de
(30) 103 17 274.2 14 Apr/avr 2003 DE (14.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • FILTERING DEVICE
• DISPOSITIF DE FILTRATION
- (71) WESTFALIA SEPARATOR AG [DE/DE]; Werner-Habig-Straße 1, 59302 Oelde (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MACKEL, Wilfried [DE/DE]; Zum Sundern 54, 59302 Oelde (DE). HELGA, Tietz [DE/DE]; Schilgeskamp 25, 59302 Oelde (DE).
- (74) SPECHT, Peter et al. / etc.; Jöllenbecker Straße 164, 33613 Bielefeld (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01F 1/00, A61H 33/02
(11) WO 2004/089521 (13) A1
(21) PCT/JP2004/004453
(22) 29 Mar/mar 2004 (29.03.2004)
(25) ja (26) ja
(30) 2003-099184 2 Apr/avr 2003 JP (02.04.2003)
(30) 2003-421355 18 Dec/déc 2003 JP (18.12.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • EQUIPMENT AND PROCESS FOR THE PRODUCTION OF CARBONATED WATER
• EQUIPEMENT ET PROCÉDE POUR PRODUIRE DE L'EAU CHARGÉE DE GAZ CARBONIQUE
- (71) MITSUBISHI RAYON CO., LTD. [JP/JP]; 6-41, Konan 1-chome, Minato-ku, Tokyo 1088506 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OYACHI, Ken [JP/JP]; c/o Corporate Research Laboratories, Mitsubishi Rayon Co., Ltd., 20-1, Miyuki-cho, Otake-shi, Hiroshima 7390698 (JP). SAKAKIBARA, Hiroki [JP/JP]; c/o Mitsubishi Rayon Engineering Co., Ltd., 6-41, Konan 1-chome, minato-ku, Tokyo 1088506 (JP). SUZUKI, Satoshi [JP/JP]; c/o Products Development Laboratories, Mitsubishi Rayon Co., Ltd., 1-60, Sunadabashi 4-chome, Higashi-ku, Nagoya-shi, Aichi 4618677 (JP). TASAKA, Hiroshi [JP/JP]; c/o Products Development Laboratories, Mitsubishi Rayon Co., Ltd., 1-60, Sunadabashi 4-chome, Higashi-ku, Nagoya-shi, Aichi 4618677 (JP). SATOU, Masaaki [JP/JP]; c/o Products Development Laboratories, Mitsubishi Rayon Co., Ltd., 1-60, Sunadabashi 4-chome, Higashi-ku, Nagoya-shi, Aichi 4618677 (JP).
- (74) NOGUCHI, Takeo; Mutsumi International Patent Bureau, Bandai Bld., 10-14, Kandaawajicho 2-chome, Chiyoda-ku, Tokyo 1010063 (JP).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01F 3/08, 5/04
(11) WO 2004/089522 (13) A1
(21) PCT/SE2004/000567
(22) 8 Apr/avr 2004 (08.04.2004)
(25) en (26) en
(30) 0301028-7 8 Apr/avr 2003 SE (08.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • A METHOD AND AN APPARATUS FOR THE CONTINUOUS MIXING OF TWO FLOWS
• METHODE ET APPAREIL POUR LE MELANGE CONTINU DE DEUX ECOULEMENTS
- (71) TETRA LAVAL HOLDINGS & FINANCE SA [CH/CH]; Avenue Général-Guisan 70, CH-1009 PULLY (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LUNDGREN, Eric [SE/SE]; Björklidsgatan 14, S-SE-271 00 YSTAD (SE). PALM, Bengt [SE/SE]; Nylyckevägen 4, S-SE-240 13 GENARP (SE).
- (74) BRUNNSTRÖM, Gunilla; AB Tetra Pak, Patent Department, Ruben Rausings gata, S-221 86 LUND (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01F 7/00, 15/00
(11) WO 2004/089523 (13) A1
(21) PCT/EP2004/003372
(22) 31 Mar/mar 2004 (31.03.2004)
(25) de (26) de
(30) 103 15 553.8 5 Apr/avr 2003 DE (05.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • MIXER DRIVE

- ENTRAINEMENT DE MELANGEUR
- (71, 72) **FRANKE, Hubert** [DE/DE]; Mallinckrodtstrasse 2, 33178 Borchten (DE).
- (74) **HANEWINKEL, Lorenz**; Boehmert & Boehmert, Ferrarieweg 17a, 33102 Paderborn (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B01F 13/06, B01D 11/04**
- (11) **WO 2004/089524** (13) A1
- (21) PCT/AU2004/000466
- (22) **8 Apr/avr 2004 (08.04.2004)**
- (25) en (26) en
- (30) 2003901645 **8 Apr/avr 2003** AU (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PARTICLE SYNTHESIS APPARATUS AND METHOD
- APPAREIL ET PROCEDE DE SYNTHÈSE DE PARTICULES
- (71) **EIFFEL TECHNOLOGIES LIMITED** [AU/AU]; Level 14, 50 Market Street, Melbourne, Victoria 3000 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FOSTER, Neil, Russell** [AU/AU]; 9 Golden Grove, Cherrybrook, New South Wales 2126 (AU). **DEGHANI, Fariba** [AU/AU]; 8/83 Dalmeny Avenue, Rosebery, New South Wales 2018 (AU). **COMBES, Gary** [AU/AU]; 11/26 Pearson Street, Balmain, New South Wales 2041 (AU). **REGTOP, Hubert, Leonardus** [AU/AU]; 18 Murchison Street, Mittagong, New South Wales 2575 (AU).
- (74) **FREEHILLS CARTER SMITH BEADLE**; Level 43, 101 Collins Street, Melbourne, Victoria 3000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B01J 2/00**
- (11) **WO 2004/089526** (13) A2
- (21) PCT/US2004/010268
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) en (26) en
- (30) 60/459,230 **1 Apr/avr 2003** US (01.04.2003)
- (30) 60/485,964 **10 Jul/juil 2003** US (10.07.2003)
- (30) 60/485,965 **10 Jul/juil 2003** US (10.07.2003)
- (51)⁷ **B01J**
- (11) **WO 2004/089525** (13) A2
- (21) PCT/BR2004/000052
- (22) **8 Apr/avr 2004 (08.04.2004)**
- (25) en (26) en
- (30) PI 0300920-3 **11 Apr/avr 2003** BR (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COMPOSITES OF ZINC PHTHALOCYANINE AND TITANIUM OXIDE, FOR USE IN PHOTOCATALYTICAL PROCESSES, AND METHOD FOR THEIR OBTENTION
- COMPOSITES DE PHTALOCYANINE DE ZINC ET D'OXYDE DE TITANE DESTINES A ETRE UTILISEES DANS DES PROCEDES PHOTOCATALYTIQUES ET METHODE D'OBTENTION DESDITS COMPOSITES
- (71) **CONSELHO NACIONAL DE DESENVOLVIMENTO CIENTÍFICO E TECNOLÓGICO - CNPQ** [BR/BR]; Avenida W 3 Norte, SEP, Quadra 507, B, Edif. CNPq, 4th. fl., Brasília - DF 70740-901 (BR). **DE MIRANDA, Jacques, Antonio** [BR/BR]; Rua Alfonso Pena, 595, Centro, Patrocínio - MG (BR).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **SATTLER, Christian** [DE/DE]; Irmintrudisstrasse 5, D-53111 Bonn (DE). **DE OLIVEIRA, Lamark** [BR/DE]; Viehtrift 15b, D-51147 Köln (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MACHADO, Antônio, Eduardo da Hora** [BR/BR]; Rua Paraíba, 1795, Bloco Solimões, Ap.31, Marta Helena, Uberlândia - MG (BR).
- (74) **EURY PEREIRA, Luna, filho**; Avenida W 3 Norte, SEP, Quadra 507, B, Edif. CNPq, 4th. fl., Brasília - DF 70740-901 (BR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) 60/491,632 **31 Jul/juil 2003** US (31.07.2003)
- (30) 10/649,347 **27 Aug/août 2003** US (27.08.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHODS OF PROVIDING PRODUCT CONSISTENCY
- PROCEDES POUR CONFERER UNE CONSISTANCE DE PRODUIT
- (71) **CABOT CORPORATION** [US/US]; Suite 1300, Two Seaport Lane, Boston, MA 02210-2019 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **REZNEK, Steven, R.** [US/US]; 781 Strawberry Hill Road, Concord, MA 01742 (US). **MORRISON, Ian, D.** [US/US]; 18 Prescott Avenue, Acton, MA 01720 (US). **WANG, Meng-Jiao** [US/US]; 45 North Hancock Street, Lexington, MA 02420 (US). **BROWN, Steven, E.** [US/US]; 3 Joco Drive, Tyngsboro, MA 01879 (US). **GREEN, Martin, C.** [US/US]; 119 Steele Lane, Boxboro, MA 01719 (US). **SIFLEET, William, L.** [US/US]; 120 South Meadow Road, Clinton, MA 01510 (US). **MURPHY, Lawrence, J.** [US/US]; 29 Glenridge Drive, Bedford, MA 01730 (US).
- (74) **FOLLETT, Robert, J.**; Cabot Corporation, 157 Concord Road, Billerica, MA 01821-7001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B01J 3/04, A61L 2/06**
- (11) **WO 2004/089527** (13) A1
- (21) PCT/AU2004/000308
- (22) **15 Mar/mar 2004 (15.03.2004)**
- (25) en (26) en
- (30) 2003901602 **7 Apr/avr 2003** AU (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • AN AUTOCLAVE
- AUTOCLAVE
- (71) **BLIXTA GRIFFITHS PTY LTD** [AU/AU]; 166 Edingburgh Street, Coff's Harbour, NSW 2450 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NEVELL, Vincent, John** [AU/AU]; 166 Edingburgh Street, Coff's Harbour, NSW 2450 (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 BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01J 13/00
- (11) WO 2004/089528 (13) A2
- (21) PCT/FR2004/000776
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) fr (26) fr
- (30) 03 04226 4 Apr/avr 2003 FR (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COLLOIDAL DISPERSION OF A RARE EARTH COMPOUND COMPRISING AN ANTI-OXIDANT AGENT AND USE THEREOF AS ADDITIVE FOR DIESEL FUEL FOR INTERNAL COMBUSTION ENGINES
- DISPERSION COLLOIDALE D'UN COMPOSE D'UNE TERRE RARE COMPRENANT UN AGENT ANTI-OXYDANT ET SON UTILISATION COMME ADJUVANT DE GAZOLE POUR MOTEURS A COMBUSTION INTERNE
- (71) RHODIA ELECTRONICS AND CATALYSIS [FR/FR]; Z.I. - 26, rue Chef de Baie, F-17041 La Rochelle (FR).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BLANCHARD, Gilbert [FR/FR]; 5, allée des Acacias, F-60330 Lagny-le-Sec (FR).
- (74) DUBRUC, Philippe; Direction de la Propriété Industrielle, 40, rue de la Haie-Coq, F-93306 Aubervilliers (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 19/00, C07H 19/00, 21/00
- (11) WO 2004/089529 (13) A1
- (21) PCT/EP2004/002361
- (22) 8 Mar/mar 2004 (08.03.2004)
- (25) en (26) en
- (30) 103 15 772.7 7 Apr/avr 2003 DE (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR THE INTRAMOLECULAR ENERGY TRANSFER FOR THE CLEAVAGE OF LABILE FUNCTIONAL GROUP FROM BIOMOLECULES AND THE PROTECTED BIOMOLECULES
- PROCÉDE DE TRANSFERT D'ÉNERGIE INTRAMOLECULAIRE UTILISE POUR LE CLIVAGE DE GROUPES FONCTIONNELS LABILES HORS DE BIOMOLECULES ET BIOMOLECULES PROTEGEES
- (71) UNIVERSITÄT KONSTANZ [DE/DE]; 78457 Konstanz (DE).
- (for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) STEINER, Ulrich [DE/DE]; Wuhrweg 4, 78465 Konstanz (DE).
- (72, 75) WÖLL, Dominik [DE/DE]; Mainausstrasse 190b, 78464 Konstanz (DE).
- (74) DTS MUNICH; St. Anna-Strasse 15, 80538 Munich (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 19/00, B01L 3/02
- (11) WO 2004/089530 (13) A1
- (21) PCT/EP2004/003135
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) de (26) de
- (30) 103 16 580.0 10 Apr/avr 2003 DE (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DEVICE FOR DAMAGEFREE PLACEMENT OF BIOMOLECULES IN SUSPENSION ON SENSITIVE SUBSTRATES
- DISPOSITIF PERMETTANT L'APPLICATION SANS DOMMAGE DE BIOMOLECULES EN SOLUTION SUR DES SUBSTRATS SENSIBLES
- (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) ATZESBERGER, Melanie [DE/DE]; Steigerweg 7, 94051 Hauzenberg (DE).
- PAULUS, Christian [DE/DE]; Tankenrainer Strasse 12E, 82362 Weilheim (DE).
- SCHINDLER-BAUER, Petra [DE/DE]; Zugspitzstrasse 23, 85591 Vaterstetten (DE).
- (74) HOCK, Joachim; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 19/00, G01N 33/551, 33/543
- (11) WO 2004/089531 (13) A1
- (21) PCT/EP2004/003668
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 03447091.4 10 Apr/avr 2003 EP (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR IMMOBILIZING BIOMOLECULES ON METAL OXIDE SUBSTRATES
- PROCÉDE D'IMMOBILISATION DE BIOMOLECULES SUR DES SUBSTRATS EN OXYDES DE METAUX
- (71) PAMGENE B.V. [NL/NL]; Burgemeester Loeffplein 70a, NL-5211 NL Den Bosch (NL).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WU, Ying [NL/NL]; Lankforst 14-76, NL-6538 JC Nijmegen (NL).
- RUIJTENBEEK, Robby [NL/NL]; Fivelingo 111, NL-3524 BK Utrecht (NL).
- (74) DE CLERCQ, Ann et al. / etc.; De Clercq, Brants & Partners, E. Gevaertdreef 10a, B-9830 Sint-Martens-Latem (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Declaration / Déclaration :
- (u) for / pour US only / seulement
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- (51)⁷ B01J 19/00, B01L 3/00
- (11) WO 2004/089532 (13) A1
- (21) PCT/EP2004/003720
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) de (26) de
- (30) 103 16 689.0 10 Apr/avr 2003 DE (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)

- (54) • THREE-DIMENSIONAL CHIP
• PUCE TRIDIMENSIONNELLE
- (71, 72) **PLACHOV, Dimitrij** [DE/DE]; Tresckowstrasse 10, 48163 Münster (DE). **GAVRUSHKIN, Alexander** [RU/RU]; 142290 Pushino, Moskau AB24-91 (RU).
- (74) **KÖNIG, Reimar** et al. / etc.; Lohengrinstrasse 11, 40549 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ B01J 19/00, B01L 3/00
- (11) WO 2004/089533 (13) A1
- (21) PCT/GB2004/001513
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 0307999.3 7 Apr/avr 2003 GB (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MICROFLUIDIC SYSTEM
• SYSTEME MICROFLUIDIQUE
- (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) **HUGHES, Ian** [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **WARRINGTON, Brian, Herbert** [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **WONG, Yuk, Fan** [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).
- (74) **GIDDINGS, Peter, John**; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/089535 (13) A1
- (21) PCT/US2004/010038
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 10/408,153 4 Apr/avr 2003 US (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FLUOROPOLYMER LINED REACTOR
• REACTEUR REVETU DE FLUOROPOLYMERE
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHIU, Yuen** [US/US]; 1 Linda Place, Denville, NJ 07834 (US). **COTTRELL, Stephen, A.** [US/US]; 15142 Shenandoah Avenue, Baton Rouge LA 70817 (US). **HOWELLS, Merwyn, E.** [US/US]; 17031
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Meadowview Road, Praireville LA 70769 (US).
- (74) **HOIRIIS, David** et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 20/18, B01D 53/04, B01J 20/30
- (11) WO 2004/089536 (13) A1
- (21) PCT/CH2004/000217
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) de (26) de
- (30) 03008047.7 14 Apr/avr 2003 EP (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR THE PRODUCTION OF DEFORMED ZEOLITES, AND METHOD FOR ELIMINATING IMPURITIES FROM A GAS STREAM
• PROCEDE DE PRODUCTION DE ZEOLITHE TRANSFORMEE ET PROCEDE D'ENLEVEMENT DES IMPURETES D'UN FLUX GAZEUX
- (71) **ZEOCHEM AG** [CH/CH]; Seestrasse 108, CH-8707 Uetikon am See (CH). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PFENNINGER, Armin** [CH/CH]; Tiefenbrunnenweg 7, CH-8707 Uetikon am See (CH). **ODOLO-HITZ, Sonja** [CH/CH]; Loretohöhe 3, CH-6300 Zug (CH).
- (74) **E. BLUM & CO.**; Vorderberg 11, CH-8044 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 23/50, 37/02, C07D 301/10, C07C 213/04
- (11) WO 2004/089537 (13) A2
- (21) PCT/US2004/009883

- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) en (26) en
- (30) 60/459,502 1 Apr/avr 2003 US
(01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • AN OLEFIN EPOXIDATION PROCESS AND A CATALYST FOR USE IN THE PROCESS
- PROCEDE D'EPOXYDATION OLEFINIQUE ET CATALYSEUR A UTILISER DANS CE PROCEDE
- (71) SHELL OIL COMPANY [US/US]; One Shell Plaza, P.O. Box 2463, Houston, TX 77252-2463 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOWALESKI, Ruth, Mary [US/US]; 8526 Sparkling Springs, Houston, TX 77095 (US). MATUSZ, Marek [US/US]; 14515 Meeting Lane, Houston, TX 77084 (US).
- (74) LEMUTH, Richard, F.; SHELL OIL COMPANY, One Shell Plaza, P.O. Box 2463, Houston, TX 77252-2463 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01J 23/68, C07D 301/10, B01J 21/06
- (11) WO 2004/089539 (13) A1
- (21) PCT/US2004/009884
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) en (26) en
- (30) 60/459,136 31 Mar/mar 2003 US
(31.03.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A SILVER-CATALYST COMPOSITION, A PROCESS FOR PREPARING THE CATALYST COMPOSITION AND A USE OF THE CATALYST COMPOSITION FOR THE EPOXIDATION OF ETHYLENE
- COMPOSITION CATALYTIQUE A L'ARGENT, PROCEDE DE PREPARATION DE LA COMPOSITION CATALYTIQUE ET UTILISATION DE CETTE COMPOSITION DANS L'EPOXYDATION DE L'ETHYLENE
- (71) SHELL OIL COMPANY [US/US]; One Shell Plaza, P.O. Box 2463, Houston, TX 77252-2463 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HESS, Martin, Lysle [US/US]; P.O. Box 846, Fulshear, TX 77441 (US). MATUSZ, Marek [US/US]; 14515 Meeting Lane, Houston, Texas 77084 (US). RICHARD, Michael, Alan [US/US]; 1333 Eldridge Parkway, #212, Houston, TX 77077 (US).
- (74) LEMUTH, Richard, F.; SHELL OIL COMPANY, One Shell Plaza, P.O. Box 2463, Houston, Texas 77252-2463 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01J 23/656, 23/89, B01D 53/94, C01G 45/00, 55/00, 49/00, F01N 3/10
- (11) WO 2004/089538 (13) A1
- (21) PCT/JP2004/005147
- (22) 9 Apr/avr 2004 (09.04.2004)
- (25) ja (26) ja
- (30) 2003-107152 10 Apr/avr 2003 JP
(10.04.2003)
- (30) 2004-096130 29 Mar/mar 2004 JP
(29.03.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CATALYST FOR CLARIFYING EXHAUST GAS AND METHOD FOR PRODUCING TETRAGONAL SYSTEM COMPOSITE OXIDE
- CATALYSEUR POUR L'EPURATION DE GAZ D'ECHAPPEMENT ET PROCEDE POUR PRODUIRE UN OXYDE COMPOSITE A SYSTEME TETRAGONAL
- (71) MITSUI MINING & SMELTING CO. LTD. [JP/JP]; 1-11-1, Osaki, Shinagawa-ku Tokyo, 1418584 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAKAHARA, Yuunosuke [JP/JP]; c/o Catalysts Division, MITSUI MINING & SMELTING CO., LTD., 1333-2 Haraichi, MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 23/74, 35/02, 35/08, 35/10, 37/02, C10G 2/00
- (11) WO 2004/089540 (13) A1
- (21) PCT/JP2004/005013
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) ja (26) ja
- (30) 2003-103176 7 Apr/avr 2003 JP
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CATALYST FOR PRODUCING HYDROCARBON FROM SYNTHESIS GAS AND METHOD FOR PRODUCING CATALYST
- CATALYSEUR PERMETTANT DE PRODUIRE D'UN HYDROCARBURE A PARTIR DE GAZ DE SYNTHESE ET PROCEDE DE FABRICATION DE CE CATALYSEUR
- (71) NIPPON STEEL CORPORATION [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo, 1008071 (JP). JAPAN OIL GAS AND METALS NATIONAL CORPORATION [JP/JP]; 1310, Omiya-cho, Saiwai-ku, Kawasaki-shi, Kanagawa, 2128554 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUJIMOTO, Kenichiro [JP/JP]; c/o NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba, 2938511 (JP). SUZUKI, Kimihito [JP/JP]; c/o NIPPON STEEL CORPORATION, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo, 1008071 (JP). SUN, Shouli [CN/JP]; c/o NIPPON STEEL CORPORATION, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo, 1008071 (JP).
- (74) KOKUBUN, Takayoshi; 5th Floor, Ikebukuro TG Homest Building, 17-8, Higashi-Ikebukuro 1-chome, Toshima-ku, Tokyo, 1700013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMP PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01J 31/00
- (11) WO 2004/089541 (13) A2
- (21) PCT/FR2004/000730
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) fr (26) fr
- (30) 03/03588 25 Mar/mar 2003 FR
(25.03.2003)

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METALLIC COMPOUND FIXED TO A SUPPORT, METHOD FOR PRODUCTION AND USE OF SAID COMPOUND IN HYDROCARBON METATHESIS REACTIONS
- COMPOSE METALLIQUE FIXE SUR UN SUPPORT, PROCEDE DE PREPARATION ET UTILISATION DU COMPOSE DANS DES REACTIONS DE METATHESE D'HYDROCARBURE
- (71) CPE LYON FORMATION CONTINUE ET RECHERCHE - CPE LYON FCR SAS [FR/FR]; 43 Boulevard du 11 Novembre 1918, F-69100 Villeurbanne (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BASSET, Jean-Marie [FR/FR]; 18, Chemin de J.B. Gilliard, F-69300 Caluire (FR). COPERET, Christophe [FR/FR]; 136, Avenue Thiers, F-69006 Lyon (FR). SOULIVONG, Daravong [FR/FR]; 8 rue Turbil, F-69003 Lyon (FR). TAOUFIK, Mostafa [MA/FR]; 29 Avenue Maurice Ravel, F-69140 Rillieux-la-Pape (FR). THIVOLLE-CAZAT, Jean [FR/FR]; 5 rue Gambetta, F-69270 Fontaine-sur-Saône (FR).
- (74) COLOMBET, Alain; Cabinet Lavoix, 62 rue de Bonnel, F-69448 Lyon Cédex 03 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 35/00, 37/02, 37/03, 37/10
(11) WO 2004/089543 (13) A1
(21) PCT/EP2003/003333
(22) 31 Mar/mar 2003 (31.03.2003)
(25) en (26) en
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR PRODUCING FILM OF SEMICONDUCTIVE METAL OXIDE
- PROCEDE DE PRODUCTION D'UN FILM D'OXYDE METALLIQUE SEMI-CONDUCTEUR
- (71) PIRELLI & C. S.P.A. [IT/IT]; Via Gaetano Negri, 10, I-20123 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MARTINOTTO, Luca [IT/IT]; Viale Toselli, 40/C, I-20065 Legnano (IT). PELIZZONI, Andrea [IT/IT]; Via Montello, 6, I-20030 Bovisio Masciago (IT). SIN, Xicola, Agustin [ES/IT]; Via Bazzini, 19/B, I-20040 Carnate (IT).
- (74) GIANNESI, Pier, Giovanni et al. / etc.; Pirelli & C. S.p.A., Viale Sarca, 222, I-20126 Milano (IT).
- (81) US.
- Published / Publiée : (d)
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- (51)⁷ B01J 35/02, 35/04, 19/12, A61L 9/00, 9/20, F24F 1/00
(11) WO 2004/089544 (13) A1
(21) PCT/JP2004/004874
(22) 2 Apr/avr 2004 (02.04.2004)
(25) ja (26) ja
(30) 2003-102343 4 Apr/avr 2003 JP (04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ULTRAVIOLET-RESPONSIVE THIN FILM PHOTOCATALYST AND APPLICATION THEREOF
- PHOTOCATALYSEUR EN COUCHE MINCE SENSIBLE AUX ULTRAVIOLETS ET APPLICATION DE CELUI-CI
- (71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP). PHOTO-CATALYTIC MATERIALS INC. [JP/JP]; 400, Oaza-Iwasaki, Komaki-shi, Aichi 485-0011 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAODA, Hiroshi [JP/JP]; c/o Chubu Center, National Institute of Advanced
- Industrial Science and Technology, 2266-98, Aza-Anagahora, Oaza-Shimoshidami, Moriyama-ku, Nagoya-shi, Aichi 463-8560 (JP). KATO, Shigekazu [JP/JP]; c/o Photo-Catalytic Materials Inc., 400, Oaza-Iwasaki, Komaki-shi, Aichi 485-0011 (JP).
- (74) SUDO, Masahiko; Shinyo Bldg. 6F, 6-1, Nihonbashi-Muromachi 1-chome, Chuo-ku, Tokyo 103-0022 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01L 3/00, B01D 39/04, B01L 7/00, B81B 1/00, C12Q 1/68, G01N 35/00
(11) WO 2004/089545 (13) A1
(21) PCT/NZ2004/000057
(22) 23 Mar/mar 2004 (23.03.2004)
(25) en (26) en
(30) 525198 8 Apr/avr 2003 NZ (08.04.2003)
(30) 527519 13 Aug/août 2003 NZ (13.08.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DNA ANALYSIS SYSTEM
- SYSTEME D'ANALYSE D'ADN
- (71) AUCKLAND UNISERVICES LIMITED [NZ/NZ]; Level 10, 70 Symonds Street, Auckland (NZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SADARANGANI, Daksh [NZ/NZ]; c/Auckland Uniservices Limited, Level 10, 70 Symonds Street, Auckland (NZ). MACDONALD, Bruce [NZ/NZ]; c/Auckland Uniservices Limited, Level 10, 70 Symonds Street, Auckland (NZ). CALVERLEY, Paul [NZ/NZ]; c/Auckland Uniservices Limited, Level 10, 70 Symonds Street, Auckland (NZ). RODRIGO, Allen [NZ/NZ]; c/Auckland Uniservices Limited, Level 10, 70 Symonds Street, Auckland (NZ). SAUL, David [NZ/NZ]; c/Auckland Uniservices Limited, Level 10, 70 Symonds Street, Auckland (NZ). BAKER, Scott [NZ/NZ]; c/Auckland Uniservices Limited, Level 10, 70 Symonds Street, Auckland (NZ). PEARSON, Mike [NZ/NZ]; c/Auckland Uniservices Limited, Level 10, 70 Symonds Street, Auckland (NZ).
- (74) F B RICE & CO; 605 Darling Street, Balmain, NSW 2041 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

- SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ **B01L 3/00, B29C 59/02, 33/40, 33/42,
45/26**
- (11) **WO 2004/089546** (13) A2
(21) PCT/US2004/011679
(22) **5 Apr/avr 2004 (05.04.2004)**
(25) en (26) en
(30) 60/460,465 **4 Apr/avr 2003 US
(04.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ELASTOMERIC TOOLS FOR FABRI-
CATING OF POLYMERIC DEVICES
AND USES THEREOF
• OUTILS EN ELASTOMERE DESTINES
A FABRIQUER DES DISPOSITIFS
POLYMERES ET UTILISATIONS DE
CEUX-CI
- (71) **TECAN TRADING AG** [CH/CH];
Seestrasse 103, CH-8708 Männedorf (CH).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **CARVALHO, Bruce, L.** [US/US]; 59
Merrill Road, Watertown, MA 02472 (US).
- (74) **NOONAN, Kevin, E.**; McDonnell Boehnen
Hulbert & Berghoff LLP, 300 South Wacker
Drive, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ **B03B 1/00, 9/06**
- (11) **WO 2004/089547** (13) A1
(21) PCT/IE2004/000052
(22) **7 Apr/avr 2004 (07.04.2004)**
(25) en (26) en
(30) S2003/0260 **7 Apr/avr 2003 IE
(07.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • APPARATUS FOR TREATING WASTE
MATERIAL
• APPAREIL DE TRAITEMENT DES DE-
CHETS
- (71, 72) **FOSSEY, Robin, Ernest** [GB/IE];
Killynure, Redhills, County Cavan (IE).
COLLINS, Brian, Donald [GB/GB]; 39
Birkett Way, Chalfont-St-Giles, Bucking-
hamshire HP8 4BJ (GB).
- (74) **F.F. GORMAN & CO.**; 15 Clanwilliam
Square, Dublin 2 (IE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **B03B 9/06, H01J 9/00, C03C 1/00**
- (11) **WO 2004/089548** (13) A1
(21) PCT/CZ2003/000075
(22) **18 Dec/déc 2003 (18.12.2003)**
(25) en (26) en
(30) PV 2003-975 **7 Apr/avr 2003 CZ
(07.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DEVICE FOR TREATMENT OF AS-
SORTED GLASS AND ELECTRONIC
WASTE
• DISPOSITIF POUR LE TRAITEMENT
DE VERRE ET DE DECHETS ELEC-
TRONIQUES MELANGES
- (71) **AQUATEST A. S.** [CZ/CZ]; Geologická 4,
152 00 Praha 5 (CZ).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **HRABAK, Vaclav** [CZ/CZ];
Komenskeho 471, 252 10 Mnisek pod Brdy
(CZ). **STOLC, Lubomir** [CZ/CZ]; Voznice
141, 263 01 Dobris (CZ). **HRABAKOVA,
Dana** [CZ/CZ]; Suchdol 20, 261 01 Pribram
(CZ). **HESS, Jan** [CZ/CZ]; Chrobakova
17, 724 00 Ostrava (CZ). **GRABOVSKY,
Jiri** [CZ/CZ]; Metylovice 545, 739 49
Metylovice (CZ).
- (74) **KUBICKOVA, Kvetoslava**; Czech Techni-
cal University in Prague, the Business and In-
novation Centre of the Czech Technical Uni-
versity, Zikova 4, 166 36 Prague 6 (CZ).
- (81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BW
BY BZ CA CH CN CO CR CU CZ (Utility
model / modèle d'utilité) CZ DE (Utility
model / modèle d'utilité) DE DK (Utility
model / modèle d'utilité) DK DM DZ EC
EE (Utility model / modèle d'utilité) EE EG
ES FI (Utility model / modèle d'utilité) FI
GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX MZ NI
NO NZ OM PG PH PL PT (Utility model /
modèle d'utilité) PT RO RU SC SD SE SG
SK (Utility model / modèle d'utilité) SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (Utility model / modèle d'utilité) (BW
GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW); AP (BW GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW); EA (AM AZ BY
- KG KZ MD RU TJ TM); EP (AT BE BG CH
CY CZ DE DK EE ES FI FR GB GR HU IE
IT LU MC NL PT RO SE SI SK TR); OA (BF
BJ CF CG CI CM GA GN GQ GW ML MR
NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ **B04B 1/20**
- (11) **WO 2004/089549** (13) A2
(21) PCT/GB2004/001273
(22) **22 Mar/mar 2004 (22.03.2004)**
(25) en (26) en
(30) 10/407,819 **5 Apr/avr 2003 US
(05.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • IMPROVEMENTS IN OR RELATING
TO CENTRIFUGES
• AMELIORATIONS APORTEES A DES
CENTRIFUGEUSES
- (71) **VARCO I/P, INC.** [US/US]; One BriarLake
Plaza, 2000 West Sam Houston Parkway
South, Suite 1700, Houston, TX 77042 (US).
LUCAS, Brian, Ronald [GB/GB]; 135
Westhall Road, Warlingham, Surrey CR6
9HJ (GB).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **KOCH, Richard, James** [US/US];
7202 Shag Bark, Magnolia, TX 77354
(US). **MITRA, Subrata** [US/US]; 62 South
Dreamweaver Circle, The Woodlands, TX
77380 (US). **BAKER, Hubert, Frank, Jr.**
[US/US]; 907 Woodfield Lane, Houston, TX
77073 (US). **SEYFFERT, Kenneth, Wayne**
[US/US]; 1019 LaMonte Lane, Houston,
TX 77018 (US). **WRIGHT, John, Patrick**
[US/US]; PO Box 1412, Ingram, TX 77018
(US).
- (74) **LUCAS, Brian, Ronald et al.** / etc.; 135
Westhall Road, Warlingham, Surrey CR6 9HJ
(GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ **B04B 9/04, 9/12**
- (11) **WO 2004/089550** (13) A1
(21) PCT/SE2004/000492
(22) **31 Mar/mar 2004 (31.03.2004)**
(25) en (26) en
(30) 0301029.5 **8 Apr/avr 2003 SE
(08.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A DRIVING DEVICE FOR A CEN-
TRIFUGAL SEPARATOR

• DISPOSITIF D'ENTRAÎNEMENT POUR UN SEPARATEUR CENTRIFUGE

(71) ALFA LAVAL CORPORATE AB [SE/SE]; Rudeboksvägen 3, S-221 00 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PITKÄMÄKI, Jouko [SE/SE]; Skäcklingevägen 101, S-147 55 Tumba (SE).
SANDBLOM, Robert [SE/SE]; Johan Skyttes Väg 289, S-125 34 Älvsjö (SE).

(74) CLIVEMO, Ingemar; Alfa Laval Corporate AB, Hans Stahles väg, S-147 80 Tumba (SE).

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

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

(51)⁷ B05B

(11) WO 2004/089551 (13) A2

(21) PCT/EP2004/000082

(22) 9 Jan/jan 2004 (09.01.2004)

(25) de (26) de

(30) 103 00 983.3 14 Jan/jan 2003 DE (14.01.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NOZZLE SYSTEM FOR A LIQUID DISCHARGE DEVICE, COMPRISING A NOZZLE AND NOZZLE HOLDER AND/OR COUPLING NUT

• SYSTEME DE BUSE POUR DISPOSITIF DE DISTRIBUTION DE LIQUIDE COMPORTANT UNE BUSE ET UNE FIXATION DE BUSE ET/OU UNE COLERETTE DE FIXATION

(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH [DE/DE]; 55216 Ingelheim am Rhein (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KLADDERS, Heinrich [DE/DE]; Ludwig-Wolker-Strasse 30, 45468 Muelheim (DE).
WACHTEL, Herbert [DE/DE]; Im Bangert 18, 55411 Bingen (DE).

(74) BOEHRINGER INGELHEIM INTERNATIONAL GMBH; 55216 Ingelheim am Rhein (DE).

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

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

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

(51)⁷ B05B 5/00

(11) WO 2004/089552 (13) A2

(21) PCT/GB2004/001431

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0308021.5 7 Apr/avr 2003 GB (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SPRAY ELECTRODE

• ELECTRODE DE PULVERISATION

(71) AERSTREAM TECHNOLOGY LIMITED [GB/GB]; Mulberry House, Osborne Road, Wokingham RG40 1TL (GB).

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

(72, 75) PIRRIE, Alastair, Bruce [GB/GB]; 91 Plantation Road, Oxford OX2 6JE (GB).

(74) GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

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

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

(51)⁷ B05B 5/14

(11) WO 2004/089553 (13) A1

(21) PCT/EP2004/003385

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) MI2003A000690 8 Apr/avr 2003 IT (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AN INSTALLATION FOR THE ELECTROSTATIC OILING OF METAL STRIPS

• INSTALLATION POUR LE GRAISSAGE A L'HUILE ELECTROSTATIQUE DE BANDES METALLIQUES

(71) RAVARINI CASTOLDI & C. S.R.L. [IT/IT]; Via Gardone, 20, I-20139 Milano (IT).

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

(72, 75) RAVARINI, Luigi [IT/IT]; Via Massena 18, I-20145 Milano (IT).

(74) RADÜNZ, Ingo; Schumannstrasse 100, 40237 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

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

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

(51)⁷ B05B 11/00

(11) WO 2004/089554 (13) A1

(21) PCT/EP2004/003765

(22) 8 Apr/avr 2004 (08.04.2004)

(25) fr (26) fr

(30) 0304417 9 Apr/avr 2003 FR (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LIQUID DISPENSER

• DISTRIBUTEUR DE FLUIDE

(71) REXAM DISPENSING SYSTEMS [FR/FR]; 15 bis, route Nationale, F-76470 Le Tréport (FR).

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

(72, 75) BOUGAMONT, Jean-Louis [FR/FR]; 73, avenue Charles-Gounod, F-76260 Eu (FR).

(74) BUSNEL, Jean-Benoît; Howrey Simon Arnold and White, CityPoint, One Rope-maker Street, London EC2Y 9HS (GB).

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

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

Published / Publiée : (c)

(51)⁷ B05C 5/00, G03C 1/74

(11) WO 2004/089555 (13) A1

(21) PCT/EP2004/002481

(22) 11 Mar/mar 2004 (11.03.2004)

(25) de (26) de

(30) 103 16 999.7 11 Apr/avr 2003 DE (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE FOR COATING A CONTINUOUS WEB OF MATERIAL

• DISPOSITIF POUR ENDUIRE UNE BANDE DE MATERIAU MOBILE

(71) BACHOFEN + MEIER AG [CH/CH]; Maschinenfabrik, Feldstrasse 80, CH-8180 Bülach (CH).

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

- (72, 75) **METZGER, Rolf** [CH/CH]; Bassersdorferstrasse 11, CH-8305 Dietlikon (CH). **HOLTMANN, Bruno** [CH/CH]; Freilerstrasse 20, CH-8157 Dielsdorf (CH). **ZINDEL, Arno** [CH/CH]; Berghofstrasse 25, CH-8625 Gossau (CH).
- (74) **THUL, Hermann**; Rheinmetall Aktiengesellschaft, Zentrale Patentabteilung, Rheinmetall Allee 1, 40476 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B05C 17/005, E04F 21/165

(11) WO 2004/089556 (13) A1

(21) PCT/IB2003/001385

(22) 7 Apr/avr 2003 (07.04.2003)

(25) de (26) de

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • T-SHAPED NOZZLE FOR METERING VISCOUS SUBSTANCES AND NOZZLE POSITIONING
- BUSE EN T POUR DOSER DES SUBSTANCES PATEUSES ET POSITIONNEMENT DE LA BUSE

(71) **WERNER MÜLLER GMBH** [DE/DE]; Rudolf-Diesel-Str. 7, 67227 Frankenthal (DE).

(71, 72) **MÜLLER-BRUCH, Eva** [DE/DE]; Rudolf-Diesel-Str. 7, 67227 Frankenthal (DE).

(81) BY DE KZ RU UA.

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

Declarations / Déclarations :

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

(s) for all designations / pour toutes les désignations

(51)⁷ B07B 1/14, E02F 7/06

(11) WO 2004/089557 (13) A1

(21) PCT/FI2004/000218

(22) 8 Apr/avr 2004 (08.04.2004)

(25) fi (26) en

(30) 20030530 9 Apr/avr 2003 FI (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • METHOD FOR SCREENING SOIL AND A SCREENING DEVICE

• PROCEDE DE TAMISAGE DU SOL ET DISPOSITIF DE TAMISAGE

(71) **YHTEISVIEJÄT TAMEX OY** [FI/FI]; Kehräsaari B, FI-33200 Tampere (FI).

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

(72, 75) **VASARA, Paavo** [FI/FI]; Sammonkatu 10 G 71, FI-33540 Tampere (FI).

(74) **NIEMINEN, Taisto**; Patenttitoimisto T Nieminen Oy, Kehräsaari B, FI-33200 Tampere (FI).

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

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

(51)⁷ B07B 1/46

(11) WO 2004/089558 (13) A2

(21) PCT/GB2004/001527

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 0308475.3 12 Apr/avr 2003 GB (12.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • FILTERING SCREEN
- FILTRE TAMIS

(71) **UNITED WIRE LIMITED** [GB/GB]; Granton Park Avenue, Granton, Edinburgh EH5 1HT (GB).

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

(72, 75) **ROBERTSON, Graham** [GB/GB]; 52 Rannoch Road, Edinburgh EH4 7EN (GB).

(74) **KEITH W NASH & CO**; 90-92 Regent Street, Cambridge CB2 1DP (GB).

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

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

(51)⁷ B21B 31/07

(11) WO 2004/089559 (13) A1

(21) PCT/EP2004/002784

(22) 18 Mar/mar 2004 (18.03.2004)

(25) de (26) de

(30) 103 16 316.6 10 Apr/avr 2003 DE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • DEVICE FOR RECIRCULATING OIL IN ROLLING BEARINGS

• DISPOSITIF DE RECIRCULATION D'HUILE DANS DES PALIERS DE LAMINOIRS

(71) **SMS DEMAG AKTIENGESELLSCHAFT** [DE/DE]; Eduard-Schloemann-Strasse 4, 40237 Düsseldorf (DE).

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

(72, 75) **LEISTEN, Winfried** [DE/DE]; Waldstrasse 53, 57271 Hilchenbach (DE). **DENKER, Wolfgang** [DE/DE]; Büscherstrasse 9, 57258 Freudenberg (DE).

(74) **VALENTIN, Ekkehard**; Valentin, Gihcke, Grosse, Hammerstrasse 2, 57072 Siegen (DE).

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

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

(51)⁷ B21D 22/16

(11) WO 2004/089560 (13) A1

(21) PCT/EP2004/003807

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 103 16 854.0 11 Apr/avr 2003 DE (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • METHOD AND DEVICE FOR DEFORMING A WORKPIECE MADE OF A MATERIAL HAVING AN EXPONENTIAL TENSILE STRESS-STRAIN BEHAVIOR INTO A THIN-WALLED, HOLLOW SHELL

• PROCEDE ET DISPOSITIF PERMETTANT DE FAÇONNER UNE PIECE CONSTITUEE D'UN MATERIAU PRESENTANT UN COMPORTEMENT A LA CONTRAINTE DE TRACTION-ALONGEMENT DE TYPE EXPONENTIEL POUR OBTENIR UNE ENVELOPPE CREUSE A PAROI MINCE

(71) **FIRMA ERICH SIEGER** [DE/DE]; Markdorferstrasse 173, 88048 Friedrichshafen (DE).

(only for / seulement pour US)

(72, 75) **SIEGER, Erich** [DE/DE]; Ellenbergweg 4, 88048 Friedrichshafen (DE).

(74) **PREUSS, Udo**; Maiwald GMBH, Eisenhof, Eisenstrasse 3, 80335 München (DE).

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

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(51)⁷ B22C

(11) WO 2004/089561 (13) A2

(21) PCT/US2004/010275

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/408,043 3 Apr/avr 2003 US (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND APPARATUS FOR REFORMING AND REPROFILING A BOTTOM PORTION OF A CONTAINER

• PROCEDE ET DISPOSITIF POUR MODIFIER LA FORME ET LE PROFIL D'UNE PARTIE DE FOND D'UN RECIPIENT

(71) BALL CORPORATION [US/US]; 10 Longs Peak Drive, Broomfield, CO 80021-2510 (US).

(72) JENTZSCH, K., Reed; 6420 Estes Street, Arvada, CO 80004 (US).

(74) KUGLER, Bruce, A. et al. / etc.; Sheridan Ross P.C., 1560 Broadway, Suite 1200, Denver, CO 80202-5141 (US).

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

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

(51)⁷ B22D 39/06, 18/04, 35/00, 41/16, F27D 3/00, G05D 7/06

(11) WO 2004/089562 (13) A1

(21) PCT/CH2004/000148

(22) 15 Mar/mar 2004 (15.03.2004)

(25) de (26) de

(30) 103 16 758.7 10 Apr/avr 2003 DE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HOLDING FURNACE AND METERING DEVICE FOR METAL BATHS

• FOUR DE MAINTIEN A TEMPERATURE ET DISPOSITIF DE DOSAGE

DESTINE A DES MASSES METALLIQUES FONDUES

(71) BÜHLER DRUCKGUSS AG [CH/CH]; Bahnhofstrasse, CH-9240 Uzwil (CH).

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

(72, 75) HAUSER, Daniel [CH/CH]; Reburgerstrasse 3a, CH-9000 St. Gallen (CH).

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

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

Declarations / Déclarations :

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

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

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ B22F 3/02, B28B 1/24

(11) WO 2004/089563 (13) A1

(21) PCT/JP2003/004323

(22) 3 Apr/avr 2003 (03.04.2003)

(25) ja (26) ja

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR PRODUCING SINTERED POWDER MOLDING, SINTERED POWDER MOLDING, METHOD FOR PRODUCING INJECTION POWDER MOLDING, INJECTION POWDER MOLDING AND DIE FOR INJECTION POWDER MOLDING

• PROCEDE DE PRODUCTION DE MOULAGE DE POUDRE FRITTEE ET MOULAGE DE POUDRE FRITTEE, PROCEDE DE PRODUCTION DE

MOULAGE DE POUDRE PAR INJECTION, ET MOULAGE DE POUDRE PAR INJECTION, ET MATRICE POUR MOULAGE DE POUDRE PAR INJECTION

(71) TAISEI KOGYO CO., LTD. [JP/JP]; 26-1, Ikedakitamachi, Neyagawa-shi, Osaka 572-0073 (JP).

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

(72, 75) TANAKA, Shigeo [JP/JP]; c/o TAISEI KOGYO CO., LTD., 26-1, Ikedakitamachi, Neyagawa-shi, Osaka 572-0073 (JP).

(74) MORITA, Masahiro; Livecourt-mikunigaoka 304, 1-10, Mozuumekita-cho, Sakai-shi, Osaka 591-8031 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B22F 7/00, B01D 39/20, B22F 3/11

(11) WO 2004/089564 (13) A1

(21) PCT/EP2004/003585

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 103 16 929.6 7 Apr/avr 2003 DE (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OPEN-POROUS MOLDED BODY, METHOD FOR PRODUCTION AND USE THEREOF

• CORPS MOULE A PORES OUVERTS, PROCEDE DE PRODUCTION ET D'UTILISATION DE CE CORPS

(71) INCO LIMITED [CA/CA]; 145 Street West-Suite 1500, Toronto, Ontario M5H 4B7 (CA). FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Hanstrasse 27c, 80686 München (DE).

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(72, 75) NAUMANN, Dirk [DE/CA]; 5439 Middlebury Drive, Mississauga, Ontario L5M 5E8 (CA). WEISSGÄRBER, Thomas [DE/DE]; Am Feldrain 38, 01328 Dresden (DE). BÖHM, Hans-Dietrich [DE/DE]; Zwanziger Str. 13, 01324 Dresden (DE). ENGELMANN, Beate [DE/DE]; Martin-Luther-Str. 5, 01099 Dresden (DE). WALTHER, Gunnar [DE/DE]; Wittenberger Str. 68, 01309 Dresden (DE). BÖHM, Alexander [DE/DE]; An der Goldenen Höhe 11, 01728 Hänichen (DE).

(74) PFENNING, MEINIG & PARTNER GBR; Gostritzer Str. 61-63, 01217 Dresden (DE).

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

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

(51)⁷ B23B 15/08

(11) WO 2004/089565 (13) A1

(21) PCT/CA2004/000521

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 2,424,630 7 Apr/avr 2003 CA (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • REFLECTIVE FILM

• FILM REFLECHISSANT

(71) MARKO I. R. D. C. INC. [CA/CA]; 9340 Meaux Street, Saint Leonard, Quebec H1R 3H2 (CA).

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

(72, 75) LEFEBVRE, Julien [CA/CA]; 51 Hervieux, Le Gardeur, Quebec J5Z 3A3 (CA). FROHLICH, Mark [CA/CA]; 175 Leslie, Dollard-Des-Ormeaux, Quebec H1A 1X2 (CA). LEPLATOIS, Ludovic [CA/CA]; 9547 Avenue de Chateaubriand #2, Montreal, Quebec H2M 1Y3 (CA). TAMBAY, Roger [CA/CA]; 348 de l'Obier, Rosemere, Quebec J7A 4H6 (CA).

(74) WHITE, Stephanie, R. et al. / etc.; Osler, Hoskin & Harcourt LLP, Suite 1500, 50 O'Connor Street, Ottawa, Ontario K1P 6L2 (CA).

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

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

(51)⁷ B23B 31/26

(11) WO 2004/089566 (13) A1

(21) PCT/EP2004/003364

(22) 30 Mar/mar 2004 (30.03.2004)

(25) de (26) de

(30) 103 17 097.9 14 Apr/avr 2003 DE (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE FOR CLAMPING TOOLS OR WORKPIECES

• DISPOSITIF POUR SERRER DES Outils OU DES PIÈCES

(71) VOLLMER WERKE MASCHINENFABRIK GMBH [DE/DE]; Ehinger Strasse 34, 88400 Biberach (DE).

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

(72, 75) BAILER, Peter [DE/DE]; Lilienstasse 26, 88433 Schemmerhofen (DE). BECK, Ernst [DE/DE]; Weisshauptstrasse 31, 88400 Biberach (DE). BAYER, Johann [DE/DE]; Angerweg 16, 88454 Hochdorf (DE).

(74) THUM, Bernhard; WUESTHOFF & WUESTHOFF, Schweigerstrasse 2, 81541 München (DE).

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

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

(51)⁷ B23C 5/22, 5/12

(11) WO 2004/089567 (13) A1

(21) PCT/IL2004/000251

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 155288 8 Apr/avr 2003 IL (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TANGENTIAL CUTTING INSERT AND MILLING CUTTER

• ACCESSOIRE DE DECOUPE TANGENTIELLE, ET FRAISE

(71) ISCAR LTD. [IL/IL]; P.O. Box 11, 24959 Tefen (IL).

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

(72, 75) SATRAN, Amir [IL/IL]; 6 Moran Street, 25147 Kfar Vradim (IL). EISEN, Yaron [IL/IL]; 20 Yarah Street, 25147 Kfar Vradim (IL).

(74) ISCAR LTD. PATENT DEPARTMENT; P.O. Box 11, 24959 Tefen (IL).

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

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

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

(51)⁷ B23D 21/00

(11) WO 2004/089568 (13) A1

(21) PCT/JP2004/005031

(22) 7 Apr/avr 2004 (07.04.2004)

(25) ja (26) ja

(30) 2003-104829 9 Apr/avr 2003 JP (09.04.2003)

(30) 2004-066171 9 Mar/mar 2004 JP (09.03.2004)

(30) 2004-066170 9 Mar/mar 2004 JP (09.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CUTTING DEVICE FOR THIN METALLIC PLATE

• DISPOSITIF DE COUPE DE PLAQUE MÉTALLIQUE MINCE

(71) HONDA MOTOR CO. LTD. [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, 1078556 (JP).

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

(72, 75) MINOWA, Yoshiyuki [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shin-Sayama 1-chome, Sayama-shi, Saitama, 3501381 (JP). HAGA, Fumitaka [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shin-Sayama 1-chome, Sayama-shi, Saitama, 3501381 (JP). YOSHIMURA, Takeshi [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shin-Sayama 1-chome, Sayama-shi, Saitama, 3501381 (JP). NAGAO, Yuichi [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shin-Sayama 1-chome, Sayama-shi, Saitama, 3501381 (JP). FUJYAMA, Takeyuki [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shin-Sayama 1-chome, Sayama-shi, Saitama, 3501381 (JP). NAKAMURA, Taro [JP/JP]; c/o HONDA ENGINEERING KABUSHIKI KAISHA, 10-1, Shin-Sayama 1-chome, Sayama-shi, Saitama, 3501381 (JP).

(74) SATO, Tatsuhiko et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo, 1510053 (JP).

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

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

(51)⁷ B23F 15/08, B23B 27/16

(11) WO 2004/089569 (13) A1

(21) PCT/JP2004/004418

(22) 29 Mar/mar 2004 (29.03.2004)

- (25) ja (26) ja
 (30) 2003-104912 9 Apr/avr 2003 JP
 (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DEVICE AND METHOD FOR PROCESSING SCREW ROTOR, AND CUTTING TOOL
 • DISPOSITIF ET PROCÉDE POUR L'USINAGE D'UN ROTOR EN FORME DE VIS, ET OUTIL DE COUPE
- (71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YONEMARU, Kiyoharu [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP).
- (74) KOBAYASHI, Hisao et al. / etc.; KIMURA SASAKI & PARTNERS The 6th Central Bldg. 19-10, Toranomon 1-chome, Minato-ku, Tokyo, 1050001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ B23K 20/12, B21D 26/02
 (11) WO 2004/089571 (13) A1
 (21) PCT/GB2004/001491
 (22) 5 Apr/avr 2004 (05.04.2004)
 (25) en (26) en
 (30) 10/408,136 7 Apr/avr 2003 US
 (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD OF FORMING AND BLANK THEREFOR
 • PROCÉDE DE FORMAGE ET EBAUCHE POUR SA MISE EN OEUVRE
- (71) LUXFER GROUP LIMITED [GB/GB]; Victoria House, 150-182 The Quays, Salford, Greater Manchester M50 3SP (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARNES, Anthony, John [GB/US]; 24199 Wabern Drive, Crestline, CA 92325 (US).
- (74) BOYDELL, John, Christopher et al. / etc.; Stevens Hewlett & Perkins, Halton House, 20/23 Holborn, London Greater London EC1N 2JD (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B23K 9/127, B23Q 35/124, 15/007, G01B 7/00
 (11) WO 2004/089570 (13) A1
 (21) PCT/AT2004/000096
 (22) 16 Mar/mar 2004 (16.03.2004)
 (25) de (26) de
 (30) A 541/2003 7 Apr/avr 2003 AT
 (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SEAM TRACKING SENSOR FOR WELDING ROBOTS
 • DETECTEUR DE POURSUITE DE SOUDURE DESTINE A UN ROBOT DE SOUDAGE
- (71) FRONIUS INTERNATIONAL GMBH [AT/AT]; A-4643 Pettenbach Nr. 319 (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHIEFERMÜLLER, Robert [AT/AT]; Spengenedt 17, A-4611 Buchkirchen (AT). BOXLEITNER, Peter [AT/AT]; Rainerstrasse 6, A-4600 Wels (AT). FÜREDER, Christoph [AT/AT]; Bahnweg 2, A-4623 Gunskirchen (AT).
- (74) SONN & PARTNER PATENTANWÄLTE; Riemergasse 14, A-1010 Wien (AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ B23K 31/02, 9/04, F16B 7/00
 (11) WO 2004/089572 (13) A1
 (21) PCT/AU2004/000463
 (22) 8 Apr/avr 2004 (08.04.2004)
 (25) en (26) en
 (30) 2003901595 8 Apr/avr 2003 AU
 (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • WELDED CONNECTIONS
 • CONNECTIONS SOUDEES
- (71) ONESTEEL TRADING PTY LIMITED [AU/AU]; 1 York Street, Sydney, New South Wales 2000 (AU). THE UNIVERSITY OF SYDNEY [AU/AU]; Parramatta Road, Sydney, New South Wales 2006 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TEH, Lip [AU/AU]; 31/345-357 Illawarra Road, Marrickville, New South Wales 2204 (AU).
- (74) GRIFFITH HACK; GPO Box 4164, Sydney, New South Wales 2001 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B23K 35/22, 35/26
 (11) WO 2004/089573 (13) A1
 (21) PCT/JP2004/004653
 (22) 31 Mar/mar 2004 (31.03.2004)
 (25) ja (26) ja
 (30) 2003-098405 1 Apr/avr 2003 JP
 (01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SOLDER PASTE AND PRINTED BOARD
 • SOUDURE EN PATE
- (71) SENJU METAL INDUSTRY CO., LTD. [JP/JP]; 23 Senjuhashidocho, Adachi-ku, Tokyo 1208555 (JP). MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIRATA, Masahiko [JP/JP]; 538-12, Kamata, Kashiba-shi, Nara 6390227 (JP). TAGUCHI, Toshihiko [JP/JP]; 378-14, Oaza Ohbusuma -, Showamachi, Kitakatsushika-gun, Saitama 3440116 (JP). OKUYAMA, Masanobu [JP/JP]; 3-25-1-A103, Kamikoumagi, Mouka-shi, Tochigi 3214337 (JP). TOYODA, Yoshitaka [JP/JP]; 4-16-21, Kahinata, Saitama-shi, Saitama 3400164 (JP).
- (74) HIROSE, Shoichi; Tozan Building, 4-2, Nihonbashi Honcho 4-chome, Chuo-ku, Tokyo 1030023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

(51)⁷ B23P 15/00, 13/04, F01L 1/344

(11) WO 2004/089574 (13) A1

(21) PCT/EP2004/003524

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 103 15 595.3 5 Apr/avr 2003 DE
(05.04.2003)

(30) 10 2004 011 659.8 10 Mar/mar 2004 DE
(10.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • VARIABLE DRIVE FOR A CAMSHAFT
• MECANISME D'ENTRAÎNEMENT VA-
RIABLE POUR ARBRE A CAMES

(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-
plestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LEHMANN, Kai [DE/DE]; Weser-
strasse 32, 14974 Ludwigsfelde (DE).
PLANK, Jens-Uwe [DE/DE]; Paretzer
Strasse 1a, 10713 Berlin (DE). RÖSENER,
Jörg [DE/DE]; Proskauerstrasse 19,
10247 Berlin (DE). RUDZINSKI, Hol-
ger [DE/DE]; Bruno-Walter-Strasse 13A,
12247 Berlin (DE).

(74) SCHRAUF, Matthias et al. / etc.; Daimler-
Chrysler AG, Intellectual Property Manage-
ment, IPM - C106, 70546 Stuttgart (DE).

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

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

Published / Publiée : (c)

(51)⁷ B23Q 11/10, B05B 9/00

(11) WO 2004/089575 (13) A1

(21) PCT/IB2004/001029

(22) 5 Apr/avr 2004 (05.04.2004)

(25) it (26) en

(30) MI2003A000676 7 Apr/avr 2003 IT
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE AND METHOD FOR DELIV-
ERING A LUBRICATING AND/OR
COOLING FLUID IN MACHINING

• DISPOSITIF ET PROCEDE D'AMENEE
D'UN FLUIDE LUBRIFIANT ET/OU DE
REFROIDISSEMENT DANS UN SYS-
TEME D'USINAGE

(71) AUGES S.R.L. [IT/IT]; Viale A. Marazza,
54, I-28021 Borgomanero (IT).

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

(72, 75) PIANA, Alessandro [IT/IT]; Via Fratelli
Varalli, I-13010 Fraz. Roccapetra - Varallo
Sesia (IT). CAPRIOLI, Cristina [IT/IT]; Lo-
calità Pianzagli, I-28040 Massino Visconti
(IT).

(74) VALENTINI, Giuliano; Marietti, Gislon e
Trupiano S.r.l., Via Larga, 16, I-20122 Milan
(IT).

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

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

Published / Publiée : (c)

(51)⁷ B25B 13/00

(11) WO 2004/089576 (13) A1

(21) PCT/US2003/006320

(22) 4 Mar/mar 2003 (04.03.2003)

(25) en (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HINGED SOCKET WRENCH SPEED
HANDLE

• VILEBREQUIN POUR CLÉ À
DOUILLES ARTICULÉE

(71, 72) ANDERSON, Steven, P. [US/US]; 7625
Hayvenhurst, Unit 39, Van Nuys, CA 91406
(US).

(74) COTA, Albert, O.; Suite A-331, 5460 White
Oak Avenue, Encino, CA 91316 (US).

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

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

(51)⁷ B25C 1/06, 5/15

(11) WO 2004/089577 (13) A1

(21) PCT/RU2003/000146

(22) 9 Apr/avr 2003 (09.04.2003)

(25) ru (26) ru

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE FOR DRIVING NAIL AND
FASTENING BY BUCKLES

• DISPOSITIF POUR ENFONCER
DES CLOUS ET D'APPLIQUER DES
AGRAFES

(71, 72) GUSEV, Boris Mikhailovich [RU/RU];
ul. Chapaeva, 14/26-268, Saratov, 410028
(RU).

(81) CA JP RU US.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B25J 9/00

(11) WO 2004/089578 (13) A2

(21) PCT/FR2004/050138

(22) 1 Apr/avr 2004 (01.04.2004)

(25) fr (26) fr

(30) 0304200 4 Apr/avr 2003 FR
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ACTUATING DEVICE, PARTICU-
LARLY FOR AN ARTICULATED ARM

• DISPOSITIF D'ACTIONNEMENT, NO-
TAMMENT POUR UN BRAS ARTI-
CULE

(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) GOSSELIN, Florian [FR/FR]; 114 av-
enue Victor Hugo, F-92170 VANVES (FR).
PONSORT, Dominique [FR/FR]; 22 rue de
la couture, F-91570 BIEVRES (FR).

(74) POULIN, Gérard; BREVATOME, 3, rue du
Docteur Lancereaux, F-75008 PARIS (FR).

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

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

(51)⁷ B25J 13/00

(11) WO 2004/089579 (13) A1

(21) PCT/JP2004/003678

(22) 18 Mar/mar 2004 (18.03.2004)

(25) ja (26) ja

(30) 2003-098070 1 Apr/avr 2003 JP
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ROBOT DEVICE, INFORMATION PRO-
CESSING METHOD, AND PROGRAM

- ROBOT, PROCEDE DE TRAITEMENT D'INFORMATIONS ET PROGRAMME
- (71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OMOTE, Masanori** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).
- (74) **INAMOTO, Yoshio**; 711 Building 4F, 11-18, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 1600023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B25J 19/00, 19/06**
- (11) **WO 2004/089580** (13) A1
- (21) PCT/JP2004/003687
- (22) **18 Mar/mar 2004 (18.03.2004)**
- (25) ja (26) ja
- (30) 2003-99569 **2 Apr/avr 2003** JP
(02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **INDUSTRIAL ROBOT CONTROLLING DEVICE**
• **DISPOSITIF DE COMMANDE POUR ROBOT INDUSTRIEL**
- (71) **KABUSHIKI KAISHA YASKAWA DENKI** [JP/JP]; 2-1, Kurosaki-shiroishi, Yahatanishi-ku kitakyushu-shi, Fukuoka 8060004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKAYAMA, Shigenori** [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 8060004 (JP). **TANAKA, Michiharu** [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 8060004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **B25J 19/00**
- (11) **WO 2004/089581** (13) A1
- (21) PCT/JP2004/004450
- (22) **29 Mar/mar 2004 (29.03.2004)**
- (25) ja (26) ja
- (30) 2003-097546 **1 Apr/avr 2003** JP
(01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **CABLE GUIDE FOR JOINTS**
• **GUIDE-CABLE POUR JOINTS**
- (71) **HONDA MOTOR CO., LTD.** [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 1078556 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MIYAZAKI, Susumu** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi Saitama 3510193 (JP).
- (74) **OSHIMA, Yoichi**; IP Building, 2-20, Kandajimbocho, Chiyoda-ku, Tokyo 101-0051 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B26B 21/40, B21D 53/64, B26B 21/20, 21/28, 21/56**
- (11) **WO 2004/089582** (13) A2
- (21) PCT/US2004/005473
- (22) **25 Feb/fév 2004 (25.02.2004)**
- (25) en (26) en
- (30) 60/450,200 **25 Feb/fév 2003** US
(25.02.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **A METHOD FOR MANUFACTURING A RAZOR BLADE**
• **PROCEDE POUR FABRIQUER UNE LAME DE RASOIR**
- (71) **EVEREADY BATTERY COMPANY INC.** [US/US]; 25225 Detroit Road, P.O. Box 450777, Westlake, Ohio 44145 (US).
- (72) **PETERLIN, Dennis J.**; 45 Margherita Lawn, Stratford, Connecticut 06615 (US). **COFFIN, David C.**; 62 Woodstock Road, Hamden, Connecticut 06517 (US).
- (74) **MICHAUD, Richard R.**; CityPlace II, 185 Asylum Street, Hartford, Connecticut 06103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B26D 1/00, 7/26, 7/08**
- (11) **WO 2004/089583** (13) A2
- (21) PCT/EP2004/003413
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) de (26) de
- (30) 103 16 303.4 **8 Apr/avr 2003** DE
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **CUTTER HEAD FOR A MEAT CUTTER**
• **TETE PORTE-LAME POUR HACHOIR A VIANDE**
- (71) **CFS GERMANY GMBH** [DE/DE]; Im Rutttert, 35216 Biedenkopf-Wallau (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JACOBI, Norbert** [DE/DE]; An der Sandbrücke 3, 35216 Biedenkopf-Wallau (DE). **BERNHARDT, Jürgen** [DE/DE]; Weidenfeldstrasse 1a, 35216 Biedenkopf-Wallau (DE).
- (74) **WOLFF, Felix et al.** / etc.; Kutzenberger & Wolff, Theodor-Heuss-Ring 23, 50668 Köln (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B27C 1/12, B65G 47/26**
- (11) **WO 2004/089584** (13) A1
- (21) PCT/CA2004/000562
- (22) **14 Apr/avr 2004 (14.04.2004)**
- (25) en (26) en
- (30) 60/462,137 **14 Apr/avr 2003** US
(14.04.2003)
- (30) 60/463,173 **15 Apr/avr 2003** US
(15.04.2003)
- (30) 60/468,563 **6 May/mai 2003** US
(06.05.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **OPTIMIZING PLANER INFED SYSTEM AND METHOD**

- SYSTEME ET PROCEDE OPTIMISANT L'AMENEE DE PIECES A UNE RABOTEUSE
- (71) COE NEWNES/MCGEHEE ULC [CA/CA]; Box 8, 3550 45th Street, Salmon Arm, British Columbia V1E 4N2 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MCGEHEE, Ronald, W. [US/US]; 537 Parducci Road, Ukiah, CA 95482 (US).
DOYLE, Patrick [US/US]; 300 South Dora St., Ukiah, CA 95482 (US).
- (74) EDWARDS, Antony, C.; Petraroloia Langford Edwards & Rush, 800-1708 Dolphin Avenue, Kelowna, British Columbia V1Y 9S4 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement
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- (51)⁷ B27N 3/02
- (11) WO 2004/089585 (13) A2
- (21) PCT/EP2004/003730
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) de (26) de
- (30) 103 15 997.5 7 Apr/avr 2003 DE (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CHIPBOARD AND METHOD FOR THE PRODUCTION THEREOF
- PLAQUE DE SERRAGE ET PROCEDE POUR PRODUIRE UNE PLAQUE DE SERRAGE
- (71) FRITZ EGGER GMBH & CO. [AT/AT]; Tiroler Strasse 16, A-3105 Unterradlberg (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BERGER, Martin [AT/AT]; Moosnerweg 34, A-6382 Kirchdorf (AT).
RIEPERTINGER, Manfred [DE/DE]; Hirnsberger Strasse 19, 83093 Bad Endorf (DE).
- (74) COHAUSZ & FLORACK; Bleichstrasse 14, 40211 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B28D 1/06, B23D 51/14
- (11) WO 2004/089586 (13) A1
- (21) PCT/IT2004/000172
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) it (26) en
- (30) LU2003A000005 10 Apr/avr 2003 IT (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • BLADE AND TIE-ROD ASSEMBLY FOR STONE MATERIAL SAWING MACHINERY
- LAME ET ENSEMBLE DE BARRES D'ACCROUPEMENT DESTINE A DES MACHINES A SCIER DES MATERIAUX EN PIERRE
- (71, 72) CALISTRI, Michele [IT/IT]; Via Delatre 165, I-55047 Seravezza (IT).
- (74) DRAGOTTI, Gianfranco et al. / etc.; c/o Dragotto & Associate SRL, Galleria San Babila, 4/C, I-20122 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ B29B 7/58, 7/38, 7/84
- (11) WO 2004/089587 (13) A1
- (21) PCT/JP2004/005059
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) ja (26) ja
- (30) 2003-106295 10 Apr/avr 2003 JP (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SCREW-TYPE KNEADING/EXTRUDING MACHINE
- MACHINE DE MALAXAGE/EXTRUSION DE TYPE A VIS
- (71) THE JAPAN STEEL WORKS, LTD. [JP/JP]; 1-2, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-0006 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YASUSAKA, Kenichi [JP/JP]; c/o The Japan Steel Works, Ltd., 6-1, Funakoshi-Minami 1-chome, Aki-ku, Hiroshima-shi, Hiroshima 736-8602 (JP).
KAKIZAKI, Jun [JP/JP]; c/o The Japan Steel Works, Ltd., 6-1, Funakoshi-Minami 1-chome, Aki-ku, Hiroshima-shi, Hiroshima 736-8602 (JP).
ODA, Norimasa [JP/JP]; c/o The Japan Steel Works, Ltd., 6-1, Funakoshi-Minami 1-chome, Aki-ku, Hiroshima-shi, Hiroshima 736-8602 (JP).
IWAMOTO, Yoshihiko [JP/JP]; c/o The Japan Steel Works, Ltd., 6-1, Funakoshi-Minami 1-chome, Aki-ku, Hiroshima-shi, Hiroshima 736-8602 (JP).
- (74) SOGA, Michiteru et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B29B 9/06, B01J 2/20, H02K 7/09, 7/08, 41/02, F16C 39/06, B24B 41/04
- (11) WO 2004/089588 (13) A1
- (21) PCT/EP2004/003334
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) de (26) de
- (30) 103 16 142.2 9 Apr/avr 2003 DE (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DRIVE UNIT FOR A GRANULATOR
- UNITE D'ENTRAINEMENT POUR UN GRANULATEUR
- (71) BERSTORFF GMBH [DE/DE]; An der Breiten Wiese 3-5, 30625 Hannover (DE).
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- (72, 75) CHSZANIECKI, Gregor [DE/DE]; Bergener Strasse 1, 30625 Hannover (DE).
KROLL, Matthias [DE/DE]; Lärchenweg 9, 35578 Wetzlar (DE).
- (74) ZOLLNER, Richard; mpm Consulting & services GmbH, FS, Krauss-Maffei Strasse 2, 80997 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

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

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

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(51)⁷ B29B 13/02, B29C 51/42

(11) WO 2004/089589 (13) A1

(21) PCT/IB2004/000774

(22) 17 Mar/mar 2004 (17.03.2004)

(25) it (26) en

(30) MI2003A000768 11 Apr/avr 2003 IT
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A DEVICE FOR THERMAL TREAT-
MENT OF PLASTIC MATERIAL

• APPAREIL POUR LE TRAITEMENT
THERMIQUE DE FEUILLES PLAS-
TIQUES OBTENUES EN CONTINU

(71) AMUT S.P.A. [IT/IT]; Via Cameri, 16,
I-28100 Novara (IT).

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les États désignés sauf US)

(72, 75) GATTI, Giorgio [IT/IT]; Via Dante
Alighieri, 18, I-28100 Novara (IT). TAC-
CHI, Gaspare [IT/IT]; Via Manzoni, 6,
I-21015 Lonate Pozzolo (IT).

(74) VALENTINI, Giuliano; Marietti, Gislon e
Trupiano S.r.l., Via Larga, 16, I-20122 Milan
(IT).

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

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

(51)⁷ B29B 17/00

(11) WO 2004/089590 (13) A1

(21) PCT/DK2004/000256

(22) 6 Apr/avr 2004 (06.04.2004)

(25) da (26) en

(30) PA 2003 00561 11 Apr/avr 2003 DK
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR MANUFACTURING FIBRE
MASS AND FIBRE MASS PROD-
UCT

• PROCEDE DE PRODUCTION D'AMAS
FIBREUX, ET ARTICLES EN ETANT
FAITS

(71) B6 A/S [DK/DK]; Tranåsvej 33, P.O. Box 29,
DK-9300 Sæby (DK).

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

(72, 75) STENBRO, Kurt, Valdemar [DK/DK];
Sølsbækvej 233, DK-9300 Sæby (DK).

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

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

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

(51)⁷ B29B 17/00

(11) WO 2004/089591 (13) A1

(21) PCT/JP2004/004465

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-97819 1 Apr/avr 2003 JP
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MOLDED ARTICLE OF RECLAIMED
THERMOPLASTIC RESIN

• ARTICLE MOULE DE RESINE THER-
MOPLASTIQUE REGENERE

(71) SUZUKA FUJI XEROX CO., LTD.
[JP/JP]; 1900, Ifuna-cho, Suzuka-shi, Mie
519-0393 (JP). TOHPE CORPORATION
[JP/JP]; 5-11, Chikkoshinmachi 1-cho,
Sakai-shi, Osaka 592-8331 (JP).

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

(72, 75) SUZUKI, Yasuhiro [JP/JP]; c/o Suzuka
Fuji Xerox Co., Ltd., 1900, Ifuna-cho,
Suzuka-shi, Mie 519-0393 (JP). OIDO,
Hidetoshi [JP/JP]; c/o Tohpe Corporation,
2700, Tsuge-cho, Iga-cho, Ayama-gun, Mie
519-1402 (JP).

(74) SUZUKA FUJI XEROX CO., LTD.; 1900,
Ifuna-cho, Suzuka-shi, Mie 519-0393 (JP).

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

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

(51)⁷ B29C

(11) WO 2004/089592 (13) A2

(21) PCT/US2004/010010

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,556 3 Apr/avr 2003 US
(03.04.2003)

(30) 10/800,505 15 Mar/mar 2004 US
(15.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TWIN-SHEET THERMOFORMING
PROCESS

• PROCEDE DE THERMOFORMAGE A
DOUBLE FEUILLE

(71) AZDEL, INC. [US/US]; 925 Washburn
Switch Road, Shelby, NC 28150 (US).

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

(72, 75) BRISTOW, Paul, A. [US/US]; 10428
Abrams Fork, Brighton, MI 48114 (US).
HIPWELL, Jesse, G. [US/US]; 5267 Con-
cordia Drive, Grand Blanc, MI 48439 (US).
HEMSTREET, Richard, D. [US/US];
31143 Regal Drive, Warren, MI 48088 (US).

(74) DOUGHERTY, Ralph, H. et al. / etc.;
Dougherty, Clements & Hofer, Suite 300,
1901 Roxborough Road, Charlotte, NC
28288 (US).

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

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

(51)⁷ B29C 41/28, 41/34, B29D 7/01

(11) WO 2004/089593 (13) A2

(21) PCT/US2004/010335

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/459,686 2 Apr/avr 2003 US
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SURFACTANT APPLICATOR FOR
SOLUTION CASTING SYSTEM AND
METHOD OF USE TO PRODUCE A
FILM

• APPLICATEUR DE TENSIOAC-
TIF POUR SYSTEME DE COU-
LAGE EN SOLUTION ET PROCEDE
D'UTILISATION PERMETTANT DE
PRODUIRE UN FILM

(71) MONOSOL, LLC [US/US]; 1701 County
Line, Portage, IN 46368 (US).

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

(72, 75) SZOPINSKI, Alex [US/US]; 1341
Morningside Drive, Chesterton, IN 46304
(US). VERRALL, Andrew, P. [GB/US];
12514 Polk Street, Crown Point, IN 46307
(US). STULL, Terry [US/US]; 5099 Boulder
Avenue, Portage, IN 46368 (US). SZUM-
LANSKI, Andrew [US/US]; 8419 Oakwood

Avenue, Munster, IN 46321 (US). **STEELE, John** [US/US]; 334 Crestwood Drive, Michigan City, IN 46360 (US). **SCHEST, Larry** [US/US]; 3100 Yukon St., Portage, IN 46368 (US). **SHIMKUS, William** [US/US]; 627 Onley Road, Valparaiso, IN 46383 (US). **KNOOP, Henry, E.** [US/US]; 14615 S. East 86th Court, Summerfield, FL 34491 (US).

(74) **MUCZYNSKI, Michael**; Marshall, Gerstein & Borun LLP, 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B29C 41/34, 41/28

(11) WO 2004/089594 (13) A1

(21) PCT/US2004/010197

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/459,684 2 Apr/avr 2003 US (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BUFFING APPARATUS AND METHOD FOR SOLVENT CASTING SYSTEM

• APPAREIL DE POLISSAGE ET PROCEDE POUR SYSTEME DE COULAGE AU SOLVANT

(71) **MONOSOL, LLC** [US/US]; 1701 County Line, Portage, IN 46368 (US).

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

(72, 75) **SZOPINSKI, Alex** [US/US]; 1341 Morningside Drive, Chesterton, IN 46304 (US). **STULL, Terry** [US/US]; 5099 Boulder Avenue, Portage, IN 46368 (US). **SZUMLANSKI, Andrew** [US/US]; 8419 Oakwood Avenue, Munster, IN 46321 (US). **STEELE, John** [US/US]; 334 Crestwood Drive, Michigan City, IN 46360 (US). **SCHEST, Larry** [US/US]; 3100 Yukon St., Portage, IN 46368 (US). **SHIMKUS, William** [US/US]; 627 Onley Road, Valparaiso, IN 46383 (US).

(74) **MUCZYNSKI, Michael**; Marshall, Gerstein & Borun LLP, 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

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(51)⁷ B29C 45/42, G05B 19/418 // B29C 45:76

(11) WO 2004/089595 (13) A1

(21) PCT/EP2004/003888

(22) 13 Apr/avr 2004 (13.04.2004)

(25) de (26) de

(30) 103 16 527.4 10 Apr/avr 2003 DE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND DEVICE FOR CONTROLLING THE SEQUENCES OF MOTIONS BETWEEN A PRODUCTION MACHINE AND A HANDLING SYSTEM

• PROCEDE ET DISPOSITIF DE COMMANDE DES SEQUENCES DE DEPLACEMENT ENTRE UNE MACHINE DE PRODUCTION ET UN SYSTEME DE MANIPULATION

(71) **HEKUMA GMBH** [DE/DE]; Freisinger Strasse 3b, 85386 Eching (DE).

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

(72, 75) **ZÜFLE, Michael** [DE/DE]; Feldstrasse 6, 85259 Wiedenshausen (DE).

(74) **KLINGSEISEN, Franz**; Bräuhausstrasse 4, 80331 München (DE).

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

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

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(51)⁷ B29C 45/63, 39/12, 33/38, B22C 7/00

(11) WO 2004/089596 (13) A1

(21) PCT/KR2004/000864

(22) 14 Apr/avr 2004 (14.04.2004)

(25) ko (26) en

(30) 10-2003-0023521 14 Apr/avr 2003 KR (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • RUBBER MOLD FOR PREVENTING BUBBLE

• MOULE EN CAOUTCHOUC DESTINE A PREVENIR LA FORMATION DE BULLES

(71) **HYEON, Gwan Hae** [KR/KR]; Panda APT 1-503, 369, Galsan-dong, Boopyung-gu, Incheon city 403-080 (KR).

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(71, 72) **JANG, Myoung Hee** [KR/KR]; 353-56, Bulgwang 2-dong, Eunpyung-gu, Seoul 122-042 (KR).

(74) **HAN, Sang Hyuk**; Dugyu B/D 2F, 943-14 Daechi-dong, Kangnam-gu, Seoul 135-845 (KR).

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

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

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(51)⁷ B29C 45/73

(11) WO 2004/089597 (13) A1

(21) PCT/US2004/009921

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,104 1 Apr/avr 2003 US (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MOLD AND PROCESS FOR MAKING A VERY THIN WALL ARTICLE

• MOULE ET PROCEDE DE FABRICATION D'UN ARTICLE A PAROI TRES MINCE

(71) **BARESICH, Frank, J.** [US/US]; 102 Oldfield Court, Centerville, GA 31028 (US).

(only for / seulement pour US)

(71) **THERMAL WAVE MOLDING CORP.** [US/US]; 3801 N.E. 207th Street, Unit 902, Aventura, FL 33180 (US).

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

(72) **THOMPSON, Robert, F.**; 1 Landing Drive, Kennebunk, ME 04043 (US).

(74) **GRIBOK, Stephan, P.**; Duane Morris LLP, One Liberty Place, 1650 Market Street, Philadelphia, PA 19103-7396 (US).

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

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

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- (51)⁷ B29C 45/76
(11) WO 2004/089598 (13) A1
(21) PCT/JP2004/004581
(22) 31 Mar/mar 2004 (31.03.2004)
(25) ja (26) ja
(30) 2003-102008 4 Apr/avr 2003 JP
(04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • INJECTION-MOLDING MACHINE AND METHOD OF CONTROLLING INJECTION-MOLDING MACHINE
• MACHINE DE MOULAGE PAR INJECTION ET PROCEDE DE COMMANDE D'UNE MACHINE DE MOULAGE PAR INJECTION
(71) SUMITOMO HEAVY INDUSTRIES, LTD. [JP/JP]; 9-11, Kitashinagawa, 5-chome, Shinagawa-ku, Tokyo 141-8686 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) KONNO, Takeshi [JP/JP]; 78, Sannoucho, Inage-ku, Chiba-shi, Chiba 263-0002 (JP).
(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B29C 45/76
(11) WO 2004/089599 (13) A1
(21) PCT/JP2004/005002
(22) 7 Apr/avr 2004 (07.04.2004)
(25) ja (26) ja
(30) 2003-102981 7 Apr/avr 2003 JP
(07.04.2003)
(30) 2003-125640 30 Apr/avr 2003 JP
(30.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • METHOD OF CONTROLLING INJECTION MOLDING MACHINE
• PROCÉDÉ DE COMMANDE DE MACHINE DE MOULAGE PAR INJECTION
(71) SUMITOMO HEAVY INDUSTRIES LTD. [JP/JP]; 9-11, Kitashinagawa 5-chome, Shinagawa-ku, Tokyo, 1418686 (JP).
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(72, 75) KONNO, Takeshi [JP/JP]; 78, Sannoucho, Inage-ku, Chiba-shi, Chiba, 2630002 (JP). AMANO, Mitsuaki [JP/JP]; 78, Sannoucho, Inage-ku, Chiba-shi, Chiba, 2630002

- (JP). SATO, Hiroshi [JP/JP]; 94, Sannoucho, Inage-ku, Chiba-shi, Chiba, 2630002 (JP).
(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo, 1506032 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ B29C 47/32 // B29K 21:00, B29L 30:00
(11) WO 2004/089600 (13) A1
(21) PCT/JP2004/004848
(22) 2 Apr/avr 2004 (02.04.2004)
(25) ja (26) ja
(30) 2003-101185 4 Apr/avr 2003 JP
(04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • RUBBER SHEET-PRODUCING DEVICE
• DISPOSITIF DE FABRICATION DE FEUILLES DE CAOUTCHOUC
(71) BRIDGESTONE CORPORATION [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo, 1048340 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MIZOTA, Yasuo [JP/JP]; c/o BRIDGESTONE CORPORATION Technical Center, 3-1-1, Ogawa Higashi-Cho, Kodaira-shi, Tokyo, 1878531 (JP).
(74) NEMOTO, Keiji et al. / etc.; Eishin Patent Office, Toranomon Kuranami Bldg. 4F, 9-9, Toranomon 2-chome, Minato-ku, Tokyo, 1050001 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ B29C 47/88
(11) WO 2004/089601 (13) A1
(21) PCT/JP2004/004351
(22) 26 Mar/mar 2004 (26.03.2004)

- (25) ja (26) ja
(30) 2003-106433 10 Apr/avr 2003 JP
(10.04.2003)
(30) 2003-407336 5 Dec/déc 2003 JP
(05.12.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • METHOD FOR PRODUCING OPTICAL FILM
• PROCEDE POUR PRODUIRE UN FILM OPTIQUE
(71) GOYO PAPER WORKING CO., LTD. [JP/JP]; 13-18, Anryu 4-chome, Suminoe-ku, Osaka-shi, Osaka 5590003 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MORITA, Yoshikuni [JP/JP]; c/o GOYO PAPER WORKING CO., LTD., 13-18, Anryu 4-chome, Suminoe-ku, Osaka-shi, Osaka 5590003 (JP). TSUYAMA, Yu [JP/JP]; c/o GOYO PAPER WORKING CO., LTD., 13-18, Anryu 4-chome, Suminoe-ku, Osaka-shi, Osaka 5590003 (JP). TANI, Keiichiro [JP/JP]; c/o GOYO PAPER WORKING CO., LTD., 13-18, Anryu 4-chome, Suminoe-ku, Osaka-shi, Osaka 5590003 (JP). TAEN, Tetsuro [JP/JP]; c/o GOYO PAPER WORKING CO., LTD., 13-18, Anryu 4-chome, Suminoe-ku, Osaka-shi, Osaka 5590003 (JP). YASUMOTO, Taizo [JP/JP]; c/o GOYO PAPER WORKING CO., LTD., 13-18, Anryu 4-chome, Suminoe-ku, Osaka-shi, Osaka 5590003 (JP). OHARA, Shuzo [JP/JP]; c/o GOYO PAPER WORKING CO., LTD., 13-18, Anryu 4-chome, Suminoe-ku, Osaka-shi, Osaka 5590003 (JP).

- (74) ITAMI, Kenji; Daisan Bldg., 2-4, Nishitenma 3-chome, Kita-ku, Osaka-shi, Osaka 5300047 (JP).

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

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- (51)⁷ B29C 49/22
(11) WO 2004/089602 (13) A2
(21) PCT/FR2004/000774
(22) 26 Mar/mar 2004 (26.03.2004)
(25) fr (26) fr
(30) 03/04265 2 Apr/avr 2003 FR
(02.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • METHOD FOR CARRYING OUT VENTILATION IN A MULTI-WALLED CONTAINER
• PROCEDE DE REALISATION D'UNE REPRISE D'AIR DANS UN RECIPIENT MULTIPAROIS

(71) **PLASTOHH S.A.** [FR/FR]; 15, route d'Alex, Bellignat, F-01115 Oyonnax (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOREL, Sabrina** [FR/FR]; Chemin des Buis, F-38530 Chapareillan (FR). **HEN-NEMANN, Pascal** [FR/FR]; 866, route de la Vallée, F-39360 Vaux les Saint Claude (FR). **LAUTRE, Philippe** [FR/FR]; 38, rue Paradis, F-01100 Oyonnax (FR).

(74) **BENTZ, Jean-Paul**; Cabinet Ballot, 25A, rue Proudhon, F-25000 Besancon (FR).

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

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

(51)⁷ B29C 53/58, 70/86 // B29K 23:00, 33:04, 63:00, 67:00

(11) **WO 2004/089603** (13) A1

(21) PCT/IB2004/001143

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) AN2003A000021 **9 Apr/avr 2003** IT (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TANK IN COMPOUND MATERIAL HAVING OPENINGS FOR THE INSERTION OF PIPING AND OTHER DEVICES
• RESERVOIR EN MATERIAU COMPOSITE COMPORTANT DES OUVERTURES PERMETTANT L'INTRODUCTION D'ELEMENTS DE TUYAUTERIE OU AUTRES

(71) **MERLONI TERMOSANITARI S.P.A.** [IT/IT]; 45, Viale Aristide Merloni, I-60044 Fabriano (IT).

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

(72, 75) **LATINI, Lucio** [IT/IT]; Merloni Termosanitari S.P.A., 45, Viale Aristide Merloni, I-60044 Fabriano (IT). **MANCINI, Angelo** [IT/IT]; Merloni Termosanitari S.P.A., 45, Viale Aristide Merloni, I-60044 Fabriano (IT).

(74) **GENTILI, Enrico**; MAR.BRE S.R.L., 1, Viale Aristide Merloni, I-60044 Fabriano (IT).

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

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

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

(51)⁷ B29C 55/00

(11) **WO 2004/089604** (13) A2

(21) PCT/FR2004/000795

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) fr (26) fr

(30) 03/03940 **31 Mar/mar 2003** FR (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LONGITUDINAL FILM DRAWING DEVICE
• DISPOSITIF D'ETIRAGE LONGITUDINAL DE FILMS

(71) **DARLET MARCHANTE TECHNOLOGIES S.A.** [FR/FR]; Savoie Technolac, F-73370 Le Bourget du Lac (FR).

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

(72, 75) **MARCHANTE, MORENO, Innocente** [ES/FR]; 405 Chemin des Essarts, F-73370 Le Bourget du Lac (FR).

(74) **Cabinet GERMAIN & MAUREAU**; BP 6153, F-69466 Lyon Cedex 06 (FR).

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

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

(51)⁷ B29C 55/26, 47/90 // B29L 23:00, B29K 101/12

(11) **WO 2004/089605** (13) A1

(21) PCT/AU2004/000460

(22) **8 Apr/avr 2004 (08.04.2004)**

(25) en (26) en

(30) 2003901596 **8 Apr/avr 2003** AU (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND APPARATUS FOR CONTROL OF PLASTICS TUBE ORIENTATION PROCESS

• PROCEDE ET APPAREIL DE COMMANDE DE PROCESSUS D'ORIENTATION DE TUBES EN PLASTIQUE

(71) **VINIDEX PTY LIMITED** [AU/AU]; 19-21 Loyalty Road, North Rocks, New South Wales 2151 (AU). **UPONOR INNOVATION AB** [SE/SE]; Industrivagen, S-513 18 Fristad (SE).

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

(72, 75) **CHAPMAN, Peter, Glanville** [AU/AU]; 45 Ronald Avenue, Greenwich, New South Wales 2065 (AU). **HENWOOD, James, Victor** [AU/AU]; 9 Kariboo Close, Mona Vale, New South Wales 2103 (AU). **MACOVAZ, George** [AU/AU]; 16 Myson Drive, Cherrybrook, New South Wales 2120 (AU). **JARVENKYLA, Jyri** [FI/FI]; Tapiontie 4, FIN-SF-15780 Hollola (FI).

(74) **DAVIDSON, Geoffrey, Robert et al.** / etc.; 1 Market Street, Sydney, New South Wales 2000 (AU).

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

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

(51)⁷ B29C 70/00

(11) **WO 2004/089606** (13) A2

(21) PCT/US2004/010149

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) en (26) en

(30) 10/407,472 **4 Apr/avr 2003** US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • IMPROVED DELIVERY OF PITCH/THERMOPLASTIC/THERMOSET RESINS IN RTM SYSTEMS
• DISTRIBUTION AMELIOREE DES RESINES DE TYPE BRAI/THERMOPLASTIQUE/THERMODURCISSABLE DANS LES SYSTEMES DE MOULAGE PAR TRANSFERT DE RESINE

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

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

(72, 75) **LAFORST, Mark, L.** [US/US]; 14620 Horseshoe Bend Court, Granger, IN 46530 (US). **HOLLOWAY, Roger, W.** [US/US]; 63350 Peppermint Road, North Liberty, IN 46554 (US). **WAHLERS, Christopher, S.** [US/US]; 1826 Lilac Trails Court, South Bend, IN 46628 (US).

(74) **HOIRIIS, David et al.** / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

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

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

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

(51)⁷ B29C 70/54, 70/44

(11) WO 2004/089607 (13) A1

(21) PCT/US2004/009876

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/404,993 1 Apr/avr 2003 US
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND SYSTEM HAVING
A FLOWABLE PRESSURE PAD FOR
CONSOLIDATING AN UNCURED
LAMINATE SHEET IN A CURE
PROCESS

• PROCEDE ET SYSTEME A TAMPON
DE PRESSION FLUIDIFIABLE DES-
TINES A CONSOLIDER UNE FEUILLE
STRATIFIEE NON DURCIE DANS UN
PROCEDE DE DURCISSEMENT

(71) THE BOEING COMPANY [US/US]; P.O.
Box 3707, M/S 11-XT, Seattle, WA 98124-
2207 (US).

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

(72) OBRACHTA, Kevin, L.; 218 North
Broadview, Wichita, KS 67208 (US).
BERGMANN, Blaise, F.; 3114 South
Pinecrest Street, Wichita, KS 67210 (US).

(74) GALBRAITH, Ann, K.; The Boeing Com-
pany, P.O. Box 3707, M/S 11-XT, Seattle, WA
98124-2207 (US).

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

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

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(51)⁷ B29D

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(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/459,776 2 Apr/avr 2003 US
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • APPARATUS FOR RADially EX-
PANDING AND PLASTICALLY DE-
FORMING A TUBULAR MEMBER

• APPAREIL D'EXPANSION RADIALE
ET DE DEFORMATION PLASTIQUE
D'UN ELEMENT TUBULAIRE

(71) ENVENTURE GLOBAL TECHNOL-
OGY [US/US]; 16200 A. Park Row, Hous-
ton, TX 77084 (US).

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

(72, 75) 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). TREECE, Harold [US/US]; 213
Ridgecrest Drive, Duncan, OK 73533 (US).

(74) MATTINGLY, Todd; Haynes and Boone,
LLP, Suite 3100, 901 Main Street, Dallas, TX
75202 (US).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B29D 31/515

(11) WO 2004/089609 (13) A1

(21) PCT/KR2003/000706

(22) 8 Apr/avr 2003 (08.04.2003)

(25) ko (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD OF MANUFACTURING UP-
PERS OF LEATHER AND MOLD FOR
HOT PRESS

• PROCEDE DE PRODUCTION DE
TIGES DE CUIR ET MOULE POUR
PRESSE A CHAUD

(71, 72) BEAK, Soo-Ho [KR/KR]; Chosung
Hich. 902, 1548-15, Dadae-1Dong, Saha-ku,
Busan 604-827 (KR).

(74) LEE, Joong-Seop; Lawin Tower 301,
1497-1, Geoje-1dong, Yeonje-gu, Pusan
611-071 (KR).

(81) AE AG AL AU BA BB BR BZ CA CN CO
CR CU DM DZ EC GE HR HU ID IL IN IS
JP KP KR LC LK LR LT LV MG MK MN
MX MZ NO NZ OM PH PL RO SC SG SL
TN TR TZ UA US UZ VC VN YU ZA ZW.

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

(51)⁷ B29H

(11) WO 2004/089610 (13) A2

(21) PCT/AT2004/000124

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) A 553/2003 9 Apr/avr 2003 AT
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR UTILIZING POLY-
MER-REINFORCED ELASTOMER
PRODUCTS, FIBER FRACTION,
MIXED BITUMINOUS MATERIAL,
CONSTRUCTION MATERIAL, AND
DEVICE

• PROCEDE DE VALORISATION DE
PRODUITS ELASTOMERES APPAU-
VRIS EN POLYMERES, FRACTIONS
DE FIBRES, ENROBES BITUMEUX,
MATERIAU DE CONSTRUCTION ET
DISPOSITIF

(71, 72) BAHARDOUST, Mohammad, Has-
san [AT/AT]; Ernst-Bergmann-Gasse 35/2,
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NEUBACHER, Franz [AT/AT]; Tulpenweg
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rich-Maier-Strasse 58/2, A-1180 Wien (AT).

(74) BABELUK, Michael; Mariahilfer Gürtel
39/17, A-1150 Wien (AT).

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

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

(51)⁷ B31B 17/00, 3/32

(11) WO 2004/089611 (13) A2

(21) PCT/EP2004/050488

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 03/04376 9 Apr/avr 2003 FR
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE, INSTALLATION AND
PROCESS FOR PRODUCING A PACK-
AGE FROM A SHEET OF A FLEXIBLE
MATERIAL AND FOR FILLING IT
WITH A PULVERULENT OR NON-
PULVERULENT PRODUCT

• DISPOSITIF, INSTALLATION ET PRO-
CEDE DE PRODUCTION D'UN EM-
BALLAGE A PARTIR D'UNE FEUILLE
D'UN MATERIAU SOUPLE ET DE
REPLISSAGE DE L'EMBALLAGE
AVEC UN PRODUIT PULVERULENT
OU NON PULVERULENT

(71, 72) VAN CAENEGHEM, Jacky [BE/BE];
30/11 Rue de la Station, B-7700 Mouscron
(BE). KESTELOOT, Benoît [BE/BE]; 56
Rue de Courtrai, B-7700 Mouscron (BE).
DELDAELE, Roger [BE/BE]; 109a Av-
enue Reine Astrid, B-7700 Mouscron (BE).
PLATRE, David [FR/FR]; Domaine des
Philiberts, F-71160 Rigns sur Arroux (FR).

- CHAUMEIL, David [FR/FR]; 57 Rue de l'Egalité, F-69120 Vaulx en Velin (FR).
- (74) VUILLERMOZ, Bruno et al. / etc.; Cabinet Laurent & Charras, 20 Rue Louis Chirpaz, B.P. 32, F-69131 Ecully (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B31F 5/00, B29C 65/08, 65/00, 65/02
- (11) WO 2004/089612 (13) A1
- (21) PCT/EP2004/050065
- (22) 2 Feb/fév 2004 (02.02.2004)
- (25) en (26) en
- (30) 03007878.6 7 Apr/avr 2003 EP (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND ARRANGEMENT FOR BONDING PLYS OF TISSUE PAPER TOGETHER
- PROCEDE ET AGENCEMENT PERMETTANT D'ASSEMBLER DES JETS DE PAPIERS MINCES
- (71) SCA HYGIENE PRODUCTS GMBH [DE/DE]; Postfach 310420, 68264 Mannheim (DE).
- (72) SCHINKOREIT, Wolfram; Schützenstrasse 13, 69518 Unterabsteinach (DE).
- (74) ALBIHNS STOCKHOLM AB; P.O.Box 5581, Linnégatan 2, S-114 85 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 3/12
- (11) WO 2004/089613 (13) A1
- (21) PCT/EP2004/050497
- (22) 9 Apr/avr 2004 (09.04.2004)
- (25) en (26) en
- (30) TO2003A000283 11 Apr/avr 2003 IT (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD OF PRODUCING A LAMINATED COMPOSITE STRUCTURE
- PROCEDE DE PRODUCTION D'UNE STRUCTURE LAMINEE COMPOSITE
- (71) METALLEIDO COMPONENTS S.R.L. [IT/IT]; Via IV Novembre, 113, I-16010 Borgo Fognari (IT).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FANTINO, Marco [IT/IT]; Via Federico Delpino, 33/4, I-16122 Genova (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ B32B 5/26, 5/30, 5/24
- (11) WO 2004/089614 (13) A2
- (21) PCT/GB2004/001479
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 0308497.7 12 Apr/avr 2003 GB (12.04.2003)
- (30) 0401655.6 26 Jan/jan 2004 GB (26.01.2004)
- (30) 0401725.7 27 Jan/jan 2004 GB (27.01.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • IMPROVEMENTS IN OR RELATING TO FABRICS
- AMELIORATIONS CONCERNANT DES TISSUS
- (71) LIGHTEX LIMITED [GB/GB]; Business Creation Unit, Zochonis Building, Brunswick Street, Manchester M13 9PL (GB).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VAN EMDEN, Oliver [GB/GB]; 11 Ashcombe Gardens, Edgware, Middlesex HA8 8HR (GB). CARR, Chris [GB/GB]; 20 Fallowfield Close, Littler Cross, Winsford, Cheshire CW7 2NW (GB).
- (74) SETNA, Rohan, Piloo et al. / etc.; Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B32B 17/10, C08G 18/08, 18/61, 77/54, 77/388, 77/452, C08J 5/18
- (11) WO 2004/089616 (13) A1
- (21) PCT/EP2004/003451
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) de (26) de
- (30) 103 16 521.5 10 Apr/avr 2003 DE (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • LAMINATED GLASS WITH POLYSILOXANE-UREA COPOLYMER
- VERRE FEUILLETE COMPRENANT UN COPOLYMERE D'UREE ET DE POLYSILOXANE
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement

(71) **WACKER-CHEMIE GMBH** [DE/DE]; Hanns-Seidel-Platz 4, 81737 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHEIM, Uwe** [DE/DE]; Romerstr. 4, 01640 Coswig (DE). **SCHÄFER, Oliver** [DE/DE]; Waldfriedhofstr.12, 81377 München (DE). **SELBERTINGER, Ernst** [DE/DE]; Justus-von-Liebig-Ring 12, 01612 Nünchritz (DE).

(74) **FRITZ, Helmut et al.** / etc.; c/o Wacker-Chemie GmbH, Hanns-Seidel-Platz 4, 81737 München (DE).

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

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

(51)⁷ **B32B 17/10, E06B 3/54, 3/58**

(11) **WO 2004/089617** (13) A1

(21) PCT/US2004/010411

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) en (26) en

(30) 60/460,156 **3 Apr/avr 2003** US
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • GLASS LAMINATES HAVING IMPROVED STRUCTURAL INTEGRITY AGAINST SEVERE STRESSES FOR USE IN STOPLESS GLAZING APPLICATIONS

• LAMINES DE VERRE PRESENTANT UNE MEILLEURE INTEGRITE STRUCTURELLE CONTRE DES CONTRAINTES SEVERES DESTINES A ETRE UTILISES DANS DES APPLICATIONS DE VITRAGE CONTINU

(71) **E.I. DUPONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

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

(72, 75) **RINEHART, David, M.** [US/US]; 135 Forrest Lake Road, Alpharetta, GA 30022 (US). **SMITH, Charles, Anthony** [US/US]; 5231 Glenbrook Drive, Vienna, WV 26105 (US).

(74) **DOBSON, Kevin, S.**; E. I. Du Pont De Nemours And Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

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

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

Published / Publiée : (c)

(51)⁷ **B32B 17/10, E06B 3/54, 3/58**

(11) **WO 2004/089618** (13) A1

(21) PCT/US2004/010413

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) en (26) en

(30) 60/460,676 **4 Apr/avr 2003** US
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • GLASS LAMINATES HAVING IMPROVED STRUCTURAL INTEGRITY AGAINST SEVERE STRESSES FOR USE IN EXTERNAL PRESSURE PLATE GLAZING APPLICATIONS

• LAMINES DE VERRE PRESENTANT UNE MEILLEURE INTEGRITE STRUCTURELLE CONTRE DES CONTRAINTES SEVERES DESTINES A ETRE UTILISES DANS DES APPLICATIONS DE VITRAGE A PLAQUE A PRESSION EXTERNE

(71) **E.I. DUPONT DE NEMOURS AND COMPANY** [US/US]; 1007 MARKET STREET, WILMINGTON, DE 19898 (US).

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

(72, 75) **RINEHART, David, M.** [US/US]; 135 Forrest Lake Road, Alpharetta, GA 30022 (US). **SMITH, Charles, Anthony** [US/US]; 5231 Glenbrook Drive, Vienna, WV 26105 (US).

(74) **DOBSON, Kevin, S.**; E. I. DU PONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

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

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

Published / Publiée : (c)

(51)⁷ **B32B 17/10, E06B 3/54, 3/58**

(11) **WO 2004/089619** (13) A1

(21) PCT/US2004/010414

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) en (26) en

(30) 60/460,677 **4 Apr/avr 2003** US
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • GLASS LAMINATES HAVING IMPROVED STRUCTURAL INTEGRITY AGAINST SEVERE STRESSES FOR USE IN EXTERNAL PRESSURE PLATE GLAZING APPLICATIONS

• STRATIFIES-VERRE PRESENTANT UNE INTEGRITE STRUCTURALE ACCRUE SOUS FORTES CONTRAINTES ET POUVANT ETRE UTILISES DANS DES APPLICATIONS DE VITRAGE A PLAQUE DE PRESSION EXTERIEURE

(71) **E.I. DUPONT DE NEMOURS AND COMPANY** [US/US]; 1007 MARKET STREET, WILMINGTON, DE 19898 (US).

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

(72, 75) **RINEHART, David, M.** [US/US]; 135 Forrest Lake Road, Alpharetta, GA 30022 (US). **SMITH, Charles, Anthony** [US/US]; 5231 Glenbrook Drive, Vienna, WV 26105 (US).

(74) **DOBSON, Kevin, S.**; E. I. DU PONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 27/00, C08J 7/04, G02F 1/00**

(11) **WO 2004/089620** (13) A2

(21) PCT/US2004/009956

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 10/405,284 **2 Apr/avr 2003** US
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FLEXIBLE HIGH-TEMPERATURE ULTRABARRIER

• ULTRA-BARRIERE FLEXIBLE HAUTE-TEMPERATURE

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **PADIYATH, Raghunath**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **ROEHRIG, Mark, A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **JENSEN, Stephen, C.** et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

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

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

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

Declarations / Déclarations :

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

(51)⁷ B32B 27/08, B65B 55/19

(11) WO 2004/089621 (13) A1

(21) PCT/EP2004/003751

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 103 16 623.8 11 Apr/avr 2003 DE
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • BIAXIALLY ORIENTED POLYPROPYLENE FILM PROVIDED WITH A COLD-SEAL ADHESIVE COATING AND HAVING EXCELLENT LUBRICATING PROPERTIES
• FEUILLE DE POLYPROPYLENE A ORIENTATION BIAXIALE POURVUE D'UN REVETEMENT ADHESIF POUR SOUDAGE PAR PRESSION A FROID ET POSSEDANT DE BONNES PROPRIETES DE GLISSEMENT

(71) TROEFAN GERMANY GMBH & CO. KG [DE/DE]; Bergstrasse, 66539 Neunkirchen (DE).

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

(72, 75) SPEITH-HERFURTH, Angela [DE/DE]; Ernst-Ludwig-Strasse 12, 63329 Egelsbach (DE). HANSOHN, Robert [DE/DE]; Am Marktplatz 13, 66459 Kirkel (DE).

(74) LUDERSCHMIDT, SCHÜLER & PARTNER; John-F.-Kennedy-Strasse 4, 65189 Wiesbaden (DE).

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

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

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

Published / Publiée : (c)

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ B32B 27/08, 3/00

(11) WO 2004/089622 (13) A1

(21) PCT/GB2004/001560

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 0308028.0 8 Apr/avr 2003 GB
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • LAMINATE MATERIAL
• MATERIAU STRATIFIE

(71) UNIVERSITY OF WARWICK [GB/GB]; Gibbet Hill Road, Coventry CV4 7AL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SMITH, Gordon, Frederick [GB/GB]; 31 Myton Crescent, Warwick CV34 6QA (GB). KIRWAN, Kerry, Emmett, Arthur [GB/GB]; 32 Stanway Raod, Earlsdon, Coventry CV5 6PJ (GB).

(74) BARNFATHER, Karl, Jon et al. / etc.; Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW (GB).

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

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

(51)⁷ B32B 27/10, 7/12, B65D 81/34

(11) WO 2004/089623 (13) A1

(21) PCT/GB2004/001599

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 0308598.2 14 Apr/avr 2003 GB
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • PACKAGING FOR FOOD PRODUCT
• EMBALLAGE POUR PRODUITS ALIMENTAIRES

(71) H.J. HEINZ FROZEN & CHILLED FOODS LIMITED [GB/GB]; Ross House, Wickham Road, Grimsby DN31 3SW (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARKER, Chris [GB/GB]; H.J. Heinz Frozen & Chilled Foods Limited, Ross

House, Wickham Road, Grimsby DN31 3SW (GB). MARTIN, Chris [IE/IE]; Alert Packaging Ltd, IDA Industrial Estate, Southern Cross Route, Kilruddery, Bray, Co. Wicklow (IE).

(74) HILL, Christopher, Michael et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).

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

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

(51)⁷ B32B 27/28, 33/00, 23/08, C08L 101/00

(11) WO 2004/089624 (13) A2

(21) PCT/IB2004/001035

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 2003/2879 11 Apr/avr 2003 ZA
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • PACKAGING
• EMBALLAGE

(71) CSIR [ZA/ZA]; Corporate Building, Scientia, Pretoria, 0001 Gauteng Province (ZA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRUGER, Arnoldus, Jacobus [ZA/ZA]; 22 Chardonnay, Duiker Avenue, Zwartkop, Centurion, 0157 Gauteng Province (ZA). TRUTER, Patricia, Ann [ZA/ZA]; 651 Van Gogh Crescent, Moreleta Park, Pretoria, 0002 Gauteng Province (ZA).

(74) SCHWEIZER, Adrian, Victor, van; c/o Adams & Adams (Johannesburg), 3rd Floor, 23 Wellington Road, Parktown, Johannesburg, 2193 Gauteng Province (ZA).

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

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

(51)⁷ B32B 27/28

(11) WO 2004/089625 (13) A1

(21) PCT/IP2004/005173

(22) 9 Apr/avr 2004 (09.04.2004)

- (25) ja (26) ja
- (30) 2003-105897 **9 Apr/avr 2003** JP
(09.04.2003)
- (30) 2003-289705 **8 Aug/août 2003** JP
(08.08.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR PRODUCING GAS BARRIER MULTILAYER BODY
- PROCEDE FABRICATION D'UN CORPS MULTICOUCHE FORMANT BARRIERE CONTRE LES GAZ
- (71) TOYO INK MFG. CO., LTD. [JP/JP]; 3-13, Kyobashi 2-chome, Chuo-ku, Tokyo 104-0031 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAMOSHITA, Miyuki [JP/JP]
- (74) MIYOSHI, Hidekazu; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B32B 27/32, B65D 65/40
- (11) WO 2004/089626 (13) A1
- (21) PCT/JP2004/004775
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) ja (26) ja
- (30) 2003-099976 **3 Apr/avr 2003** JP
(03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FILM FOR PACKAGING
- FILM D'EMBALLAGE
- (71) MITSUI CHEMICALS, INC. [JP/JP]; 5-2, Higashi-Shimbashi 1-chome, Minato-ku, Tokyo 105-7117 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NISHIMURA, Toshihiro [JP/JP]; c/o Mitsui Chemicals, Inc., 3, Chigusa-kaigan, Ichihara-shi, Chiba 299-0108 (JP). TAKEUCHI, Michio [JP/JP]; c/o Mitsui Chemicals, Inc., 3, Chigusa-kaigan, Ichihara-shi, Chiba 299-0108 (JP). KOYAMA, Satoru [JP/JP]; c/o Sumitomo Chemical Co., Ltd., 2-1, Kitasode, Sodegaura-shi, Chiba 299-0266 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B32B 31/12, B65D 65/40
- (11) WO 2004/089628 (13) A1
- (21) PCT/SE2004/000389
- (22) 17 Mar/mar 2004 (17.03.2004)
- (25) en (26) en
- (30) 0301102-0 **14 Apr/avr 2003** SE
(14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD IN PRODUCTION OF PACKAGING LAMINATE
- PROCEDE DE PRODUCTION D'UN LAMINE D'EMBALLAGE
- (71) TETRA LAVAL HOLDINGS & FINANCE S.A. [CH/CH]; 70, av. Général-Guisan, CH-1009 Pully (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TOFT, Nils [SE/SE]; Grynbodagatan 18, S-211 33 Malmö (SE). POSTOACA, Ion [IT/IT]; Via Don Minzoni, 26, I-41043 Formigine (IT). ZUO, Guangju [CN/SE]; Triangelvägen 13, S-245 35 Staffanstorps (SE).
- (74) PERSSON, Eva; AB Tetra Pak, Central Patent Department, Ruben Rausings Gata, S-221 86 Lund (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B32B 33/00
- (11) WO 2004/089629 (13) A1
- (21) PCT/JP2004/004708
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) ja (26) ja
- (30) 2003-101408 **4 Apr/avr 2003** JP
(04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DECORATIVE SHEET WITH ANTIQUE TOUCH AND DECORATIVE LAMINATE WITH ANTIQUE TOUCH
- FEUILLE DECORATIVE ET STRATIFIEE DECORATIF AYANT UN ASPECT ANCIEN
- (71) RIKEN TECHNOS CORPORATION [JP/JP]; 11-5, Nihonbashi-honcho 3-chome, Chuo-ku, Tokyo, 1033438 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UTO, Hisato [JP/JP]; c/o RIKEN TECHNOS CORPORATION, 11-5, Nihonbashi-honcho 3-chome, Chuo-ku, Tokyo, 1033438 (JP). YOSHIOKA, Sayaka [JP/JP]; c/o RIKEN TECHNOS CORPORATION, 11-5, Nihonbashi-honcho 3-chome, Chuo-ku, Tokyo, 1033438 (JP). SHIMIZU, Motohiro [JP/JP]; c/o RIKEN TECHNOS CORPORATION, 11-5, Nihonbashi-honcho 3-chome, Chuo-ku, Tokyo, 1033438 (JP).
- (74) SHIRAI, Shigetaka; Yoshikawa Bldg. 3F, 2-5, Nishi-shimbashi 2-chome, Minato-ku, Tokyo, 1050003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	PRODUCTION OF PRINTED PRODUCTS	CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51) ⁷ B41C 1/10, B41M 5/36	• PROCEDE PERMETTANT DE GENERER UN PRODUIT D'IMPRESSION, DISPOSITIF DE POST-TRAITEMENT, ET SYSTEME SERVANT A GENERER DES PRODUITS D'IMPRESSION	(51) ⁷ B41J
(11) WO 2004/089630 (13) A1		(11) WO 2004/089633 (13) A2
(21) PCT/CA2004/000302		(21) PCT/US2004/010216
(22) 27 Feb/fév 2004 (27.02.2004)	(71) KOENIG & BAUER AKTIENGESELLSCHAFT [DE/DE]; Friedrich-Koenig-Str. 4, 97080 Würzburg (DE). <i>(for all designated States except / pour tous les États désignés sauf US)</i>	(22) 2 Apr/avr 2004 (02.04.2004)
(25) en (26) en		(25) en (26) en
(30) 60/436,182 14 Apr/avr 2003 US (14.04.2003)	(72, 75) BOPPEL, Johannes [DE/DE]; Fantanestr. 13, 67227 Frankenthal (DE). LEIDIG, Peter, Wilhelm, Kurt [DE/DE]; Ziegelhofweg 12, 67227 Frankenthal (DE).	(30) 60/459,712 2 Apr/avr 2003 US (02.04.2003)
(30) 10/647,913 25 Aug/août 2003 US (25.08.2003)		(30) 10/647,798 25 Aug/août 2003 US (25.08.2003)
(43) 21 Oct/oct 2004 (21.10.2004)		(43) 21 Oct/oct 2004 (21.10.2004)
(54) • NOVEL LAYERS IN PRINTING PLATES, PRINTING PLATES AND METHOD OF USE OF PRINTING PLATES	(74) KOENIG & BAUER AKTIENGESELLSCHAFT; Lizenzen - Patente, Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).	(54) • IDENTIFICATION CARD PRINTER RIBBON CARTRIDGE
• COUCHES NOUVELLES DANS DES CLICHES, CLICHES ET PROCEDE D'UTILISATION DE CLICHES		• CARTOUCHE A RUBAN POUR IMPRIMANTE DE CARTES D'IDENTIFICATION
(71) CREO INC. [CA/CA]; 3700 Gilmore Way, Burnaby, British Columbia V5G 4M1 (CA). <i>(for all designated States except / pour tous les États désignés sauf US)</i>	(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	(71) FARGO ELECTRONICS, INC. [US/US]; 6533 Flying Cloud Drive, Eden Prairie, MN 55344 (US). <i>(for all designated States except / pour tous les États désignés sauf US)</i>
(72, 75) YU, Yisong [CA/CA]; 6391 Goldsmith Avenue, Vancouver, British Columbia V7E 4G6 (CA). COLLISTER, Brian, J. [CA/CA]; 6812 Hershman Avenue, Burnaby, British Columbia V5E 3K8 (CA). GOODIN, Jonathan, W. [GB/US]; 14715 County Rd 2205, Tyler, TX 75707 (US). DARLING, Graham [CA/CA]; 1007-D Gilmore Avenue, Burnaby, British Columbia V5C 4S4 (CA). RICAFFRENTE, Jacqueline, L. [CA/CA]; 7287 147A Street, Surrey, British Columbia V3S 7X6 (CA).		(72) MEIER, James, M.; 1875 Fairview Avenue North, St.Paul, MN 55113 (US). JOHNSON, Chadwick, M.; 13156 Glenhurst Court, Savage, MN 55378 (US). COUNTRYMAN, Gary, P., Jr.; 3865 Polk Street NE, Columbia Height, MN 55421 (US). LUKASKAWCEZ, Stacy, W.; 1617 Windsor Drive, Shakopee, MN 55379 (US). KLINEFELTER, Gary, M.; 18763 Erin Bay, Eden Prairie, MN 55347 (US). PARK, Ryan, G.; 19915 Export Trail, Farmington, MN 55024 (US). DUNHAM, Matthew, K.; 3877 Kennet Circle, Eagan, MN 55123 (US). UPIN, Jeffrey, D.; 5317 Ayrshire Boulevard, Edina, MN 55436 (US). LENZ, Gary, A.; 240 Eastwood Court, Chanhassen, MN 55317 (US). GERSHENOVICH, Leon; 9448 Marshall Road, Eden Prairie, MN 55347 (US). PLATNER, Thomas, C.; 17196 Acorn Ridge, Eden Prairie, MN 55347 (US).
(74) MCGRUDER, David, J. et al. / etc.; Oyen Wiggs Green & Mutala, 480 - 601 West Cordova Street, Vancouver, British Columbia V6B 1G1 (CA).	(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(74) KAUL, Brian, D. et al. / etc.; Westman, Champlin & Kelly, P.A., Suite 1600 - International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.		(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(51) ⁷ B41F 17/00	(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
	(11) WO 2004/089632 (13) A1	
	(21) PCT/EP2004/000763	
	(22) 29 Jan/jan 2004 (29.01.2004)	
	(25) de (26) de	
	(30) 103 17 283.1 9 Apr/avr 2003 DE (09.04.2003)	
	(43) 21 Oct/oct 2004 (21.10.2004)	
	(54) • PAD PRINTER	
	• MACHINE D'IMPRESSION AU TAMPON	
	(71) TAMPOPRINT AG [DE/DE]; Llingwiesenstr. 1, 70825 Korntal-Münchingen (DE). <i>(for all designated States except / pour tous les États désignés sauf US)</i>	
	(72, 75) KLEY-BOSLER, Anton [DE/DE]; Im Runs 20, 72589 Westerheim (DE).	
	(74) STEIMLE, Josef; Dreiss, Fuhlendorf, Steimle & Becker, Postfach 10 37 62, 70032 Stuttgart (DE).	
	(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	
	(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	
(51) ⁷ B41F 13/54, B65H 23/32, 39/16, 45/28		(51) ⁷ B41J
(11) WO 2004/089631 (13) A2		(11) WO 2004/089634 (13) A2
(21) PCT/EP2004/050522		(21) PCT/US2004/010273
(22) 14 Apr/avr 2004 (14.04.2004)		(22) 2 Apr/avr 2004 (02.04.2004)
(25) de (26) de		(25) en (26) en
(30) 103 17 262.9 14 Apr/avr 2003 DE (14.04.2003)		(30) 60/459,712 2 Apr/avr 2003 US (02.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)		
(54) • METHOD FOR THE PRODUCTION OF A PRINTED PRODUCT, PROCESSING DEVICE, AND SYSTEM FOR THE		

(30) 10/647,666 **25 Aug/août 2003** US
(25.08.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • IDENTIFICATION CARD PRINTER
RIBBON CARTRIDGE

• IMPRIMANTE A CARTES
D'IDENTIFICATION ET CARTOUCHE
A RUBAN

(71) FARGO ELECTRONICS, INC. [US/US];
6533 Flying Cloud Drive, Eden Prairie, MN
55344 (US).

(72) MEIER, James, M.; 1875 Fairview Avenue
North, St. Paul, MN 55113 (US). JOHNSON,
Chadwick, M.; 13156 Glenhurst Court, Sav-
age, MN 55378 (US). COUNTRYMAN,
Gary, P., Jr.; 3865 Polk Street NE, Columbia
Height, MN 55421 (US). LUKASKAWCEZ,
Stacy, W.; 1617 Windsor Drive, Shakopee,
MN 55379 (US). KLINEFELTER, Gary,
M.; 18763 Erin Bay, Eden Prairie, MN
55347 (US). PARK, Ryan, G.; 19915 Export
Trail, Farmington, MN 55024 (US). DUN-
HAM, Matthew, K.; 3877 Kennt Circle,
Eagan, MN 55123 (US). UPIN, Jeffrey,
D.; 5317 Ayrshire Boulevard, Edina, MN
55436 (US). LENZ, Gary, A.; 240 East-
wood Court, Chanhassen, MN 55317 (US).
PRIBULA, Martin, A.; 19032 Pleasantview
Road, Eden Prairie, MN 55346 (US). PLAT-
NER, Thomas, C.; 17196 Acorn Ridge,
Eden Prairie, MN 55347 (US). GERSHEN-
OVICH, Leon; 9448 Marshall Road, Eden
Prairie, MN 55347 (US). IBS, Jon, J.; 4827
Chicago Avenue South, Minneapolis, MN
55401 (US).

(74) KAUL, Brian, D. et al. / etc.; Westman,
Champlin & Kelly, P.A., Suite 1600 - Inter-
national Centre, 900 Second Avenue South,
Minneapolis, MN 55402-3319 (US).

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

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

(51)⁷ B41J 2/175

(11) WO 2004/089635 (13) A1

(21) PCT/CN2004/000269

(22) 29 Mar/mar 2004 (29.03.2004)

(25) zh (26) zh

(30) 03114199.4 **11 Apr/avr 2003** CN
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AN INK CARTRIDGE FILLING MA-
CHINE OF INK-JET RECORDING
DEVICE

• MACHINE DE REMPLISSAGE D'UNE
CARTOUCHE D'ENCRE POUR DISPO-
SITIF D'IMPRESSION A JET D'ENCRE

(71) PRINT-RITE UNICORN IMAGE PROD-
UCTS CO., LTD. OF ZHUHAI [CN/CN];

No. 32, Rd. PingBei Yilu, Nanping Techno-
logical Industries Park, Zhuhai, Guangdong
519060 (CN).

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

(72, 75) TANG, Xiaoqiang [CN/CN]; No. 32,
Rd. PingBei Yilu, Nanping Technological
Industries Park, Zhuhai, Guangdong 519060
(CN). LIU, Guangnan [CN/CN]; No. 32, Rd.
PingBei Yilu, Nanping Technological Indus-
tries Park, Zhuhai, Guangdong 519060 (CN).

(74) GUANGZHOU SCIHEAD PATENT
AGENT CO., LTD.; Room 1508, Huihua
Commercial & Trade Building, No. 80, Xi-
anlie Zhong Road, Guangzhou, Guangdong
510070 (CN).

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

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

Declarations / Déclarations :

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

(u) for / pour US only / seulement

(51)⁷ B41J 2/325

(11) WO 2004/089636 (13) A1

(21) PCT/JP2004/004808

(22) 1 Apr/avr 2004 (01.04.2004)

(25) ja (26) ja

(30) 2003-100936 **3 Apr/avr 2003** JP
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • IMAGE FORMING DEVICE

• DISPOSITIF IMAGEUR

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO. LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WADA, Toshiyuki; 1006,
Oaza Kadoma, Kadoma-shi, Osaka,
5718501 TAKAHASHI, Kazuyuki;
1006, Oaza Kadoma, Kadoma-shi, Osaka,
5718501 FUKUSHIMA, Tsumoru;
1006, Oaza Kadoma, Kadoma-shi, Osaka,
5718501 YAMASHITA, Haruo; 1006,
Oaza Kadoma, Kadoma-shi, Osaka,

5718501 MORITA, Tetsuya; 1006, Oaza
Kadoma, Kadoma-shi, Osaka, 5718501

(74) YAMAMOTO, Shusaku, et al. / etc.;
Fifteenth Floor, Crystal Tower, 2-27, Shi-
romi 1-chome, Chuo-ku, Osaka-shi, Osaka,
5406015 (JP).

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

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

(51)⁷ B41L 13/04, B41J 5/30

(11) WO 2004/089637 (13) A1

(21) PCT/JP2004/004925

(22) 5 Apr/avr 2004 (05.04.2004)

(25) ja (26) ja

(30) 2003-104036 **8 Apr/avr 2003** JP
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PERFECTING PRESS DEVICE

• PRESSE A RETIRATION

(71) RISO KAGAKU CORPORATION
[JP/JP]; 2-20-15, Shinbashi, Minato-ku,
Tokyo 105-0004 (JP).

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

(72, 75) KOYAMA, Fumiko [JP/JP]; c/o
Riso Kagaku Corporation, R & D Cen-
ter, 1339-2, Wakaguri-Nishikanda, Ami-
machi, Inashiki-gun, Ibaraki 300-0333 (JP).
OHNO, Katsumi [JP/JP]; c/o Riso Kagaku
Corporation, R & D Center, 1339-2, Wak-
aguri-Nishikanda, Amimachi, Inashiki-gun,
Ibaraki 300-0333 (JP).

(74) YANAGIDA, Masashi et al. / etc.; Yanagida
& Associates, 7F, Shin-Yokohama KS Bldg.,
3-18-3, Shin-Yokohama, Kohoku-ku, Yoko-
hama-shi, Kanagawa 222-0033 (JP).

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

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

(51)⁷ B41M 5/26, 3/14

(11) WO 2004/089638 (13) A1

(21) PCT/EP2004/003218

(22) 26 Mar/mar 2004 (26.03.2004)

- (25) de (26) de
 (30) 103 16 034.5 7 Apr/avr 2003 DE
 (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR GENERATING AN ITEM OF INFORMATION, SUPPORTING BODY, INSIDE OF WHICH THE ITEM OF INFORMATION IS GENERATED, AND USE OF A SUPPORTING BODY OF THIS TYPE
- PROCEDE PERMETTANT DE PRODUIRE UNE INFORMATION, CORPS SUPPORT DANS LEQUEL L'INFORMATION EST PRODUITE ET UTILISATION D'UN CORPS SUPPORT DE CE TYPE
- (71) BUNDESDRUCKEREI GMBH [DE/DE]; Oranienstrasse 91, 10958 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HECKER, Hermann [DE/DE]; Handjery-Strasse 84, 12159 Berlin (DE). PAESCHKE, Manfred [DE/DE]; An der Wildbahn 59, 16352 Basdorf (DE). MUTH, Oliver [DE/DE]; Kirchstrasse 83, 12277 Berlin (DE).
- (74) WALKENHORST, Andreas; Tergau & Pohl, Eschersheimer Landstrasse 26, 60322 Frankfurt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B41M 7/00, G03G 8/00, C09D 11/00, 5/00
 (11) WO 2004/089639 (13) A1
 (21) PCT/US2004/009934
 (22) 30 Mar/mar 2004 (30.03.2004)
 (25) en (26) en
 (30) 10/404,260 31 Mar/mar 2003 US
 (31.03.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • LATEX-BASED OVERCOAT FOR INK-JET PRINTING APPLICATIONS
- COUCHE DE REVETEMENT A BASE DE LATEX POUR APPLICATIONS D'IMPRESSION PAR JET D'ENCRE
- (71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. [US/US]; 20555 S.H. 249, Houston, TX 77070 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VINCENT, Kent, D. [US/US]; 20863 Sola Street, Cupertino, CA 95014 (US). GANAPATHIAPPAN, Sivapackia [IN/US]; 161 Eas Portola Avenue, Los Altos, CA 94022 (US).
- (74) HAYMOND, W. Bradley et al. / etc.; Intellectual Property Administration, P.O. Box 272400, m/s 35, Fort Collins, CO 80527-2400 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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
 (11) WO 2004/089640 (13) A2
 (21) PCT/US2004/010432
 (22) 5 Apr/avr 2004 (05.04.2004)
 (25) en (26) en
 (30) 60/460,599 4 Apr/avr 2003 US
 (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHODS AND INK COMPOSITIONS FOR INVISIBLY PRINTED SECURITY IMAGES HAVING MULTIPLE AUTHENTICATION FEATURES
- PROCEDES ET COMPOSITIONS D'ENCRE POUR IMAGES DE SECURITE A IMPRESSION INVISIBLE POURVUES DE MULTIPLES CARACTERISTIQUES D'AUTHENTIFICATION
- (71) ANGSTROM TECHNOLOGIES, INC. [—/US]; 1895 Airport Exchange Blvd., Suite 110, Erlanger, KY 41018 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COYLE, William, J. [US/US]; 597 Deerfield Road, Lebanon, OH 45036 (US). SMITH, John, C. [US/US]; 158 Amble Lane, Fletcher, NC 28732 (US).
- (74) MEIER, Lawrence, H.; Downs Rachlin & Martin, PLLC, 199 Main Street, P.O. Box 190, Burlington, VT 05402-0190 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B42D
 (11) WO 2004/089641 (13) A2
 (21) PCT/GB2004/001625
 (22) 14 Apr/avr 2004 (14.04.2004)
- (25) en (26) en
 (30) 60/458,927 31 Mar/mar 2003 US
 (31.03.2003)
- (51)⁷ B42D
 (11) WO 2004/089642 (13) A2
 (21) PCT/IB2004/001101
 (22) 8 Apr/avr 2004 (08.04.2004)
 (25) en (26) en
 (30) 2003/2765 9 Apr/avr 2003 ZA
 (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • TAMPER PROOF CHEQUE
- CHEQUE INVOLABLE
- (71, 72) KAHN, Ari [ZA/ZA]; 41 22nd Street, 2193 PARKHURST (ZA).
- (74) GILSON, David, Grant et al. / etc.; Spoor & Fisher, PO Box 41312, 2024 Craighall (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B42D
 (11) WO 2004/089643 (13) A2
 (21) PCT/US2004/009819
 (22) 31 Mar/mar 2004 (31.03.2004)
 (25) en (26) en
 (30) 60/458,927 31 Mar/mar 2003 US
 (31.03.2003)

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • BOOK WITH CD HOLDER
• LIVRE AVEC BOITIER DE CD
- (71) TRUDY CORPORATION [US/US]; 353 Main Avenue, Norwalk, CT 06851-1552 (US).
- (72) ANDERSEN, Ashley; 3817 Fox Glen Court, Atlanta, GA 30319 (US).
- (74) BASILE, Richard, J.; St. Onge Steward Johnston & Reens LLC, 986 Bedford Street, Stamford, CT 06905-5619 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B42D 15/00, G07D 7/00
- (11) WO 2004/089644 (13) A1
- (21) PCT/DE2004/000719
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) de (26) de
- (30) 103 15 558.9 5 Apr/avr 2003 DE (05.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • VALUE AND SECURITY DOCUMENT
• DOCUMENT DE VALEUR ET DE SECURITE
- (71) BUNDESDRUCKEREI GMBH [DE/DE]; Oranienstrasse 91, 10958 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FRANZ-BURGHOLZ, Arnim [DE/DE]; Amselhainstrasse 26, 14612 Falkensee (DE). HORST, Wolfgang [DE/DE]; Zeppeliner Strasse 71, 13583 Berlin (DE). GRAMMLICH, Daniel [DE/DE]; Buchenstrasse 16, 72124 Pliezhausen (DE). SAUTER, Dieter [DE/DE]; Beethovenstrasse 39, 72766 Reutlingen (DE). SPRENGER, Martin [DE/DE]; Planufer 92E, 10967 Berlin (DE).
- (74) HAAR, Lucas, H. et al. / etc.; Haar & Schwarz-Haar, Lessingstrasse 3, 61231 Bad Nauheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ B42D 15/08, B41J 3/51
- (11) WO 2004/089646 (13) A1
- (21) PCT/AU2004/000446
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 2003901575 7 Apr/avr 2003 AU (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND APPARATUS FOR FORMING A DOCUMENT SET
• PROCEDE ET APPAREIL DE FORMATION D'UN ENSEMBLE DE DOCUMENTS
- (71) ENVELOPMENTS PTY LTD [AU/AU]; 10 Spring Street, Fitzroy, VIC 3065 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUME, Tamas [AU/AU]; 10 Spring Street, Fitzroy, VIC 3065 (AU). RAMSAY, Fergus [AU/AU]; 10 Spring Street, Fitzroy, VIC 3065 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B42F 7/12
- (11) WO 2004/089647 (13) A2
- (21) PCT/IB2004/001124
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) de (26) de
- (30) 103 16 693.9 10 Apr/avr 2003 DE (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • LETTER TRAYS THAT CAN BE VERTICALLY STACKED INSIDE AND UPON ONE ANOTHER
• BACS A COURRIER POUVANT ETRE VERTICALEMENT EMPILES LES UNS SUR LES AUTRES ET LES UNS DANS LES AUTRES
- (71) SPICHTIG AG [CH/CH]; Kunststoffwerk, Frauholzstrasse 27, CH-6422 Steinen (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JURIC, Igor [DE/DE]; Am Friedensplatz 27, D-65428 Steinen (DE).
- (74) HOLTFOOTH, Hans-Jürgen; Rheinpatent Kodron & Mackert, Hindenburgplatz 3 B, 55118 Mainz (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B43K
- (11) WO 2004/089648 (13) A2
- (21) PCT/EP2004/003633
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) de (26) de
- (30) 103 16 747.1 10 Apr/avr 2003 DE (10.04.2003)
- (30) 103 18 455.4 23 Apr/avr 2003 DE (23.04.2003)

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **APPLICATOR PEN FOR ADHESIVES AND PAINTS**
• **CRAYON APPLICATEUR POUR ADHESIFS ET COULEURS**
- (71, 72) **AHRENS, Hans-Joachim** [DE/DE]; Eisenberg 24, 38855 Wernigerode (DE).
- (74) **COHAUSZ DAWIDOWICZ HANNIG & PARTNER**; Schumannstrasse 97-99, 40237 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 8/20**
- (11) **WO 2004/089649** (13) A2
- (21) PCT/IB2004/001465
- (22) **6 Apr/avr 2004 (06.04.2004)**
- (25) en (26) en
- (30) 0307980.3 **7 Apr/avr 2003 GB (07.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **IDENTIFICATION MEANS**
• **MOYEN D'IDENTIFICATION**
- (71) **IVY TRUST** [CH/CH]; 12, rue de l'Arquebuse, CH-1204 Geneva (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OAKES, Alistair** [ZA/GB]; 3 Hamburg, Croft Shenley Brook End, Milton Keynes MK5 7EZ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B44B**
- (11) **WO 2004/089650** (13) A2
- (21) PCT/US2004/010332
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) en (26) en
- (30) 60/459,675 **2 Apr/avr 2003 US (02.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **PACKAGE DECORATION WITH POP-UP DISPLAY**
• **DECORATION DE PAQUET COMPORTANT UN ELEMENT SURPRISE**
- (71, 72) **PETTER, Marta, R.** [US/US]; 1725 N. Mohawk, Chicago, IL 60614 (US).
- (74) **HAMPTON, Steven, J.**; 500 West Madison, Suite 34, Chicago, IL 60661 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B44C**
- (11) **WO 2004/089651** (13) A2
- (21) PCT/AT2004/000088
- (22) **12 Mar/mar 2004 (12.03.2004)**
- (25) de (26) de
- (30) GM 258/2003 **14 Apr/avr 2003 AT (14.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **PRECIOUS STONE, ESPECIALLY FOR DECORATING TEXTILES**
• **PIERRE D'ORNEMENT DESTINEE NOTAMMENT A L'AGREMENT DE TEXTILES**
- (71) **D. SWAROVSKI & CO.** [AT/AT]; Swarovskistrasse 30, A-6112 Wattens (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COVI, Christian** [AT/AT]; Austrasse 16, A-6122 Fritzens (AT).
- (74) **HOFINGER, Engelbert et al.** / etc.; Wilhelm-Greil-Strasse 16, A-6020 Innsbruck (AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B44C 1/175, 5/04, B43L 1/04**
- (11) **WO 2004/089652** (13) A1
- (21) PCT/PT2003/000005
- (22) **16 Apr/avr 2003 (16.04.2003)**
- (25) en (26) en
- (30) 102936 **7 Apr/avr 2003 PT (07.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **TRANSFER PROCESS OF IMAGES ONTO WRINKLED SURFACES**
• **PROCEDE DE TRANSFERT D'IMAGES SUR DES SURFACES PLISSEES**
- (71) **FOTOROC-IMPRESSÃO DIGITAL, LDA.** [PT/PT]; Praça Tenente Miguel Ponces, N°3, 3510-091 Viseu (PT).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **RAMOS, João, Francisco, Pinto** [PT/PT]; Praça Tenente Miguel Ponces, N°3, 3510-091 Viseu (PT). **NOVO, José, Carlos, Monteiro da Fonseca** [PT/PT]; Praça Tenente Miguel Ponces, N°3, 3510-091 Viseu (PT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B44C 5/04, B60R 13/00**
- (11) **WO 2004/089653** (13) A1
- (21) PCT/IT2003/000220
- (22) **9 Apr/avr 2003 (09.04.2003)**
- (25) it (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **A METHOD FOR THE PRODUCTION OF A MULTIMATRIX OF RUBBER AND THE USE THEREOF FOR THE SIMULTANEOUS MANUFACTURE OF A PLURALITY OF IDENTICAL ORNAMENTS**
• **PROCEDE DE PRODUCTION DE MULTIMATRICE DE CAOUTCHOUC, ET UTILISATION CORRESPONDANTE POUR LA FABRICATION SIMULTANEE DE PLUSIEURS ORNEMENTS IDENTIQUES**
- (71) **DEMAK S.R.L.** [IT/IT]; Strada del Cascinotto, 163, I-10156 Torino (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GASTALDI, Maurizio** [IT/IT]; Via Roma 24, I-10020 Baldissero Torinese (IT). **MENOZZI, Aberto** [IT/IT]; Via Ugo Foscolo 4, I-10126 Torino (IT). **TOZZI, Ivo** [IT/IT]; Via Cavour 13, I-10091 Alpignano (IT).
- (74) **GERBINO, Angelo et al.** / etc.; Jacobacci & Partners S.p.A., Corso Regio Parco, 27, I-10152 Torino (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

Declarations / Déclarations :

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

(u) for / pour US only / seulement

(51)⁷ B44F

(11) WO 2004/089654 (13) A2

(21) PCT/EP2004/003355

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 0308307.8 11 Apr/avr 2003 GB
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PATTERNED SQUARE CARPET TILES
• DALLES DE MOQUETTE CARREES
CONFIGUREES

(71) MILLIKEN INDUSTRIALS LIMITED
[GB/GB]; Beech Hill Plant, Gidlow Lane,
Wigan Lancashire WN6 8RN (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JONES, Jacqueline [GB/GB]; 2 The
Avenue, Monument Park, Wigan Lancashire
WN1 2LY (GB).

(74) HOFFMANN.EITL et al. / etc.; Arabel-
lastrasse 4, 81925 München (DE).

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

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

(51)⁷ B60C 9/00, 9/04, 9/20

(11) WO 2004/089655 (13) A1

(21) PCT/JP2004/003815

(22) 22 Mar/mar 2004 (22.03.2004)

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(02.04.2003)

(30) 2003-098866 2 Apr/avr 2003 JP
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • RUBBERIZED FIBROUS MATERIAL
AND PNEUMATIC TIRE

• MATERIAU FIBREUX CAOUC
HOUTE ET PNEUMATIQUE

(71) BRIDGESTONE CORPORATION
[JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku,
Tokyo, 1048340 (JP).

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les États désignés sauf US)

(72, 75) TAKIMURA, Mamoru [JP/JP]; c/o
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nical Center, 3-1-1, Ogawahigashi-cho,
Kodaira-shi, Tokyo, 1878531 (JP).

(74) SUGIMURA, Kosaku; Kazan Building,
3-2-4, Kasumigaseki, Chiyoda-ku, Tokyo,
1000013 (JP).

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

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

(51)⁷ B60C 9/22, 9/20, 9/18, 11/00

(11) WO 2004/089656 (13) A1

(21) PCT/JP2004/004902

(22) 5 Apr/avr 2004 (05.04.2004)

(25) ja (26) ja

(30) 2003-101004 4 Apr/avr 2003 JP
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PNEUMATIC TIRE

• PNEUMATIQUE

(71) THE YOKOHAMA RUBBER CO. LTD.
[JP/JP]; 36-11, Shimbashi 5-chome, Mi-
nato-ku, Tokyo, 1058685 (JP).

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

(72, 75) TANNO, Atsushi [JP/JP]; c/o The Yoko-
hama Rubber Co., Ltd. Hiratsuka Factory,
2-1, Oiwake, Hiratsuka-shi, Kanagawa,
2548601 (JP).

(74) OGAWA, Shin-ichi et al. / etc.; Ogawa,
Noguchi & Saika International Patent Of-
fice Toranomon 11 Mori Building, 6-4,
Toranomon 2-chome, Minato-ku, Tokyo,
1050001 (JP).

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

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

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

(51)⁷ B60C 17/00, 9/18

(11) WO 2004/089657 (13) A1

(21) PCT/JP2004/004052

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-097662 1 Apr/avr 2003 JP
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PNEUMATIC TIRE

• PNEUMATIQUE

(71) THE YOKOHAMA RUBBER CO., LTD.
[JP/JP]; 36-11, Shimbashi 5-chome, Mi-
nato-ku Tokyo 1058685 (JP).

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

(72, 75) AKIYAMA, Ichiro [JP/JP]; c/o The
Yokohama Rubber Co., Ltd., Hiratsuka Fac-
tory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa
2548601 (JP).

(74) OGAWA, Shin-ichi et al. / etc.; Ogawa,
Noguchi & Saika International Patent Office,
Toranomon 11 Mori Building, 6-4, Toran-
omon 2-chome, Minato-ku, Tokyo 1050001
(JP).

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

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

(51)⁷ B60C 23/04

(11) WO 2004/089658 (13) A1

(21) PCT/JP2004/004051

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-099248 2 Apr/avr 2003 JP
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COMMUNICATION SYSTEM FOR
TIRE

• SYSTEME DE COMMUNICATION
POUR PNEUMATIQUE

(71) THE YOKOHAMA RUBBER CO., LTD.
[JP/JP]; 36-11, Shimbashi 5-chome, Mi-
nato-ku, Tokyo 1058685 (JP).

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

(72, 75) SHIMURA, Kazuhiro [JP/JP]; c/o The Yokohama Rubber Co., Ltd., Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 2548601 (JP).

(74) OGAWA, Shin-ichi et al. / etc.; Ogawa, Noguchi & Saika International Patent Office, Toranomom 11 Mori Building, 6-4, Toranomom 2-chome, Minato-ku, Tokyo 1050001 (JP).

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

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

(51)⁷ B60C 23/06, 23/04

(11) WO 2004/089659 (13) A1

(21) PCT/EP2004/050453

(22) 6 Apr/avr 2004 (06.04.2004)

(25) de (26) de

(30) 103 16 468.5 9 Apr/avr 2003 DE (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE AND METHOD FOR MONITORING TYRE PRESSURES

• DISPOSITIF ET PROCÉDE DE SURVEILLANCE DE LA PRESSION DE PNEUS

(71) CONTINENTAL TEVES AG & CO. OHG [DE/DE]; Guerickestrasse 7, 60488 Frankfurt am Main (DE).

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

(72, 75) LAUER, Peter [DE/DE]; Schlesienring 5, 61118 Bad Vilbel (DE). STÖLZL, Stefan [DE/DE]; Lärchenweg 4, 69469 Weinheim (DE). GRIESSER, Martin [DE/DE]; Akazienweg 8a, 65760 Eschborn (DE). KÖBE, Andreas [DE/DE]; Nibelungenstr. 26, 64625 Bensheim (DE). SÄGER, Peter [DE/DE]; Dreieichstrasse 54C, 61381 Friedrichsdorf (DE). KOUKES, Vladimir [DE/DE]; Weidigweg 25, 64297 Darmstadt (DE).

(74) CONTINENTAL TEVES AG & CO. OHG; Guerickestrasse 7, 60488 Frankfurt am Main (DE).

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

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

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60G

(11) WO 2004/089660 (13) A2

(21) PCT/US2004/010431

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 10/406,810 3 Apr/avr 2003 US (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AXLE CLAMP ASSEMBLY TOP PAD AND AIR SPRING MOUNTING ASSEMBLY

• COUSSIN SUPERIEUR D'ENSEMBLE SERRAGE SUR ESSIEU ET ENSEMBLE FIXATION DE RESSORT PNEUMATIQUE

(71) THE BOLER COMPANY [US/US]; 500 Park Boulevard, Itasca, IL 60143 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) DUDDING, Ashley, Thomas; 10025 Church Road, Yorkville, IL 60560 (US). STUART, John, Wayne; 1530 South State Street, No. 907, Chicago, IL 60605 (US). THOMAS, Jason, Steby; 503 Citadel Circle, Westmont, IL 60559 (US).

(74) MCGEE, Michael, J.; Cook, Alex, McFar-ron, Manzo, Cummings & Mehler, Lt, d., Suite 2850, 200 West Adams, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60G 3/14, 7/00, 9/00, 11/27

(11) WO 2004/089661 (13) A1

(21) PCT/AU2004/000467

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 2003901599 8 Apr/avr 2003 AU (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • INTEGRATED SUSPENSION AND CHASSIS ASSEMBLY

• ENSEMBLE SUSPENSION ET CHASSIS INTEGRE

(71) TURRISI ENTERPRISES PTY. LIMITED [AU/AU]; 153 Northbourne Road, Campbellfield, VIC 3061 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) INTURRISI, Paulo [AU/AU]; 153 Northbourne Road, Campbellfield, VIC 3061 (AU).

(74) A TATLOCK & ASSOCIATES; P.O. Box 155, Carlton South, VIC 3053 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ B60G 11/04, 21/055, 11/44

(11) WO 2004/089662 (13) A1

(21) PCT/GB2004/000148

(22) 19 Jan/jan 2004 (19.01.2004)

(25) en (26) en

(30) 0308572.7 12 Apr/avr 2003 GB (12.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ANTI-ROLL LEAF SPRING SUSPENSION

• SUSPENSION AVEC RESSORTS A LAMES ANTI-ROULIS

(71) DETROIT STEEL PRODUCTS CO INC [US/US]; P.O. Box 285, Range Line Road, Morristown, IN 46161 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REAST, John, Bolland [GB/GB]; 6 The Green, Molivers Lane, Bromham, Bedfordshire MK43 8JR (GB).

(74) **BRITTER, Keith, Palmer**; Britter and Co, 12b Whitehorse Street, Baldock, Hertfordshire SG7 6QN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) *for / pour US only / seulement*

(51)⁷ **B60G 17/015, 21/055, G01P 15/00**

(11) **WO 2004/089663** (13) A1

(21) PCT/EP2004/002322

(22) **6 Mar/mar 2004 (06.03.2004)**

(25) de (26) de

(30) 103 16 114.7 **9 Apr/avr 2003 DE (09.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ACTIVE ROLL DAMPING

• AMORTISSEMENT ACTIF DE ROULIS

(71) **DAIMLERCHRYSLER AG [DE/DE]**; Ep-lestrasse 225, 70567 Stuttgart (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DÖRR, Ernst-Ludwig [DE/DE]**; Waldmeisterweg 18, 70186 Stuttgart (DE). **RÜDT, Wolfgang [DE/DE]**; Auf der Lug 47, 71726 Benningen (DE). **SHINODA, Kenji [JP/DE]**; Karl-Pfaff-Strasse 32, 70597 Stuttgart (DE).

(74) **KOCHER, Klaus-Peter et al. / etc.**; DaimlerChrysler AG, Intellectual Property Management, IPM - C106, D-70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B60G 17/015, B60C 23/00**

(11) **WO 2004/089664** (13) A1

(21) PCT/JP2004/004779

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) ja (26) ja

(30) 2003-097758 **1 Apr/avr 2003 JP (01.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • VEHICLE STATE ANALYZING SYSTEM, VEHICLE, AND VEHICLE STATE MANAGING SYSTEM

• SYSTEME ANALYSANT L'ETAT D'UN VEHICULE, VEHICULE, ET SYSTEME GERANT L'ETAT DU VEHICULE

(71) **BRIDGESTONE CORPORATION [JP/JP]**; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 1048340 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NARUSE, Yutaka [JP/JP]**; c/o BRIDGESTONE CORPORATION, 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 1048340 (JP). **FURUYA, Shinichi [JP/JP]**; c/o BRIDGESTONE CORPORATION, 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 1048340 (JP).

(74) **NAKAJIMA, Jun et al. / etc.**; TAIYO, NAKAJIMA & KATO, Seventh Floor, HK-Shinjuku Bldg., 3-17, Shinjuku 4-chome, Shinjuku-ku, Tokyo 1600022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B60G 21/05, 7/00, 21/055**

(11) **WO 2004/089665** (13) A1

(21) PCT/FR2004/000832

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) fr (26) fr

(30) 03/04205 **4 Apr/avr 2003 FR (04.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FLEXIBLE REAR AXLE WITH A CONTROL COLUMN AND CORRESPONDING VEHICLE

• ESSIEU SOUPLE ARRIERE A PALONNIER, ET VEHICULE CORRESPONDANT

(71) **RENAULT S.A.S. [FR/FR]**; 13-15 Quai Alphonse Le Gallo, F-92100 Boulogne Billancourt (FR). **AUTO CHASSIS INTERNATIONAL [FR/FR]**; 13-15 Quai Alphonse Le Gallo, F-92100 Boulogne Billancourt (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOUBLET, Philippe [FR/FR]**; 18 rue Ingres, F-94210 La Varenne Saint Hilaire (FR). **HEURTAULT, Philippe [FR/FR]**; 6 Allée de Roncevaux, F-72560 Change (FR). **ROLLET, Rémi [FR/FR]**; 14 allée des Longs Réages, F-91190 Gif Sur Yvette (FR).

(74) **GUYON, Rodolphe**; Renault Technocentre, Sec 0267 TCR GRA 155, 1 Avenue du Golf, F-78288 Guyancourt (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **B60H 1/00, 1/22**

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(22) **11 Mar/mar 2004 (11.03.2004)**

(25) de (26) de

(30) 103 16 106.6 **9 Apr/avr 2003 DE (09.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND DEVICE FOR AIR-CONDITIONING AT STOP POSITION

• PROCEDE ET DISPOSITIF DE CLIMATISATION A L'ARRET

(71) **DAIMLERCHRYSLER AG [DE/DE]**; Ep-lestrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WIESZT, Herbert [DE/DE]**; Amselweg 7/2, 71120 Grafenau (DE).

(74) **BRÜCKNER, Ingo et al. / etc.**; DaimlerChrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B60H 1/00**

(11) **WO 2004/089667** (13) A1

(21) PCT/EP2004/003288

(22) **29 Mar/mar 2004 (29.03.2004)**

(25) de (26) de

(30) 103 16 606.8 **11 Apr/avr 2003 DE (11.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ERROR DETECTION SYSTEM FOR IDENTIFYING A DEFECTIVE TEMPERATURE SENSOR IN MOTOR VEHICLES

• SYSTEME DE DETECTION D'ERREURS DESTINE A LA

DETECTION D'UN CAPTEUR DE TEMPERATURE DEFECTUEUX DANS DES VEHICULES

(71) **BAYERISCHE MOTORENWERKE AK-TIENGESELLSCHAFT** [DE/DE]; Petuelring 130, 80809 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILKE, Frank** [DE/DE]; Chopinstraße 14, 81245 München (DE). **GERUM, Robert** [DE/DE]; Am Kreuzacker 6, 82288 Kottgeisering (DE).

(74) **BAYERISCHE MOTORENWERKE AK-TIENGESELLSCHAFT**; Patentabteilung, AJ-3, 80788 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60H 1/32

(11) **WO 2004/089668** (13) A1

(21) PCT/JP2004/005112

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ja (26) ja

(30) 2003-106293 10 Apr/avr 2003 JP (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AIR CONDITIONER FOR MOTOR VEHICLE

• CLIMATISEUR POUR VEHICULE MOTORISE

(71) **CALSONIC KANSEI CORPORATION** [JP/JP]; 24-15, Minamidai 5-chome, Nakano-ku Tokyo, 1648602 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NADAMOTO, Hiroyasu** [JP/JP] (JP). **MASUKO, Kazuo** [JP/JP] (JP). **HIROSE, Ryuichi** [JP/JP] (JP). **SUZUKI, Tadashi** [JP/JP] (JP). **MAKISHIMA, Hiroyuki** [JP/JP] (JP).

(74) **MIYOSHI, Hidekazu**; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku Tokyo, 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60H 3/00

(11) **WO 2004/089669** (13) A1

(21) PCT/KR2004/000841

(22) 12 Apr/avr 2004 (12.04.2004)

(25) en (26) en

(30) 20-2003-0011188 11 Apr/avr 2003 KR (11.04.2003)

(30) 20-2003-0030683 29 Sep/sep 2003 KR (29.09.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OXYGEN-RICH GAS SUPPLYING APPARATUS PROVIDED WITH A CONDENSATE REMOVAL UNIT

• APPAREIL D'ALIMENTATION DE GAZ ENRICHÉ EN OXYGÈNE COMPRESSANT UNE UNITÉ D'ÉLIMINATION DE CONDENSAT

(71) **BIOTEL CO. LTD.** [KR/KR]; 121-3 Botong-ri, Jeongnam-myeon, 445-963 Hwaseong-gun, Gyeonggi-do (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIM, Tai Jin** [KR/KR]; 8-1106 ShindongA Apt., 1334-1, Seocho-dong, Seocho-gu, 137-070 Seoul (KR).

(74) **JANG, Seong Ku**; 17th Fl., KEC Building., 275-7 Yangjae-Dong, Seocho-Ku, Seoul 137-130 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60J

(11) **WO 2004/089670** (13) A2

(21) PCT/ES2003/000164

(22) 10 Apr/avr 2003 (10.04.2003)

(25) es (26) es

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SUPPORT FRAME FOR AUTOMOBILE VEHICLE SUNROOFS

• CADRE-SUPPORT POUR TOITS OUVRANTS DE VEHICULES AUTOMOBILES

(71) **GRUPO ANTOLÍN-INGENIERÍA, S.A.** [ES/ES]; c^a Madrid-Irún, Km. 244-8, E-09007 Burgos (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DÍEZ ESTEBAN, Diego** [ES/ES]; Casa de la Vega, 31, 5^a A, E-09007 Burgos (ES). **GONZÁLEZ GARCÍA, Oscar** [ES/ES]; Venta Nueva, E-42193 Catalañazor Soria (ES).

(74) **TRIGO PECES, José, Ramón**; Gran Vía, 40, E-28013 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60J

(11) **WO 2004/089671** (13) A2

(21) PCT/US2004/010153

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/460,529 4 Apr/avr 2003 US (04.04.2003)

(30) 10/810,478 26 Mar/mar 2004 US (26.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • RECONFIGURABLE TRUCK BED OR VEHICLE BODY

• PLATE-FORME OU CARROSSERIE DE VEHICULE MODULABLE

(71, 72) **JAECK, Edward** [US/US]; 2505 E. Oakland St., Gilbert, AZ 85296 (US).

(74) **ALLRED, David, E.**; Schmeiser, Olsen & Watts LLP, 18 E. University Drive #101, Mesa, AZ 85201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60J 7/05

(11) **WO 2004/089672** (13) A1

(21) PCT/ES2003/000165

(22) 10 Apr/avr 2003 (10.04.2003)

(25) es (26) es

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MECHANISM FOR SUNROOFS, SPECIALLY FOR MOTOR VEHICLES

• MECANISME POUR TOITS OUVRANTS, EN PARTICULIER POUR VEHICULES AUTOMOBILES

(71) **GRUPO ANTOLÍN-INGENIERÍA, S.A.** [ES/ES]; Ca. Madrid-Irún, Km.244, 8, 09007-Burgos (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOMEZ CAMARA, David** [ES/ES]; Alfarceros 81 5^oC, 09001-Burgos (ES). **SADORNIL SANTAMARIA, Juan, Carlos** [ES/ES]; Pasco Pisones, 20, 2^aB, 09001-Burgos (ES).

(74) **TRIGO PECES, José, Ramón**; Gran Vía, 40, E-28013 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60K

(11) WO 2004/089673 (13) A2

(21) PCT/AT2004/000120

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) GM 246/2003 8 Apr/avr 2003 AT (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FUEL TANK COMPRISING AN AERATION SYSTEM
• RESERVOIR A CARBURANT COMPRENANT UN SYSTEME D'AERATION

(71) **TESMA MOTOREN- UND GETRIEBE-TECHNIK GMBH** [AT/AT]; Tesma Allee 1, A-8261 Sinabelkirchen (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POZGAINER, Günther** [AT/AT]; Grimmigasse 16, A-8020 Graz (AT). **PALVÖLGYI, Sandor** [AT/AT]; Frankenberg 151, A-8200 Gleisdorf (AT).

(74) **KOVAC, Werner**; c/o Magna Steyr Fahrzeugtechnik AG & Co KG, Liebenauer Hauptstrasse 317, A-8041 Graz (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60K 6/04, E02F 9/20, E21F 13/02

(11) WO 2004/089674 (13) A1

(21) PCT/FI2004/000216

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 20030534 9 Apr/avr 2003 FI (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ARRANGEMENT IN MINING VEHICLE
• DISPOSITION RELATIVE A UN VEHICULE D'EXPLOITATION MINIÈRE

(71) **SANDVIK TAMROCK OY** [FI/FI]; Pihitkulunkatu 9, FI-33330 Tampere (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JASU, Jari** [FI/FI]; Frantsinkatu 4 C 8, FI-32200 Loimaa (FI). **FORSS, Antti** [FI/FI]; Vanha Metsämaantie 8, FI-32210 Loimaa kk. (FI). **KALLIO, Janne** [FI/FI]; Värttinäkatu 16 B, FI-21260 Raisio (FI). **JOUTSELA, Matti** [FI/FI]; Päiväntasaaja 2, FI-20400 Turku (FI). **COOK, Brett** [AU/FI]; Rakennusmestariintie 52 A 7, FI-20320 Turku (FI). **PULLI, Riku** [FI/FI]; Rahinkuja 3 B 9, FI-33340 Tampere (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FI-00121 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ B60K 17/22, 17/344, F16D 3/205

(11) WO 2004/089675 (13) A1

(21) PCT/EP2004/001519

(22) 18 Feb/fév 2004 (18.02.2004)

(25) de (26) de

(30) 103 15 884.7 8 Apr/avr 2003 DE (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LONGITUDINALLY BUILT-IN FOUR WHEEL DRIVE TRAIN
• CHAÎNE CINÉMATIQUE DE MOTRICITE INTEGRALE MONTEE EN LONG

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GANSLOSER, Philip** [DE/DE]; Distelweg 1, 73340 Armstetten (DE). **HÄRTER, Tobias** [DE/DE]; Bahnhofstrasse 99, 70736 Fellbach (DE). **KLEIN, Werner** [DE/DE]; Sängerstrasse 9, 71364 Winnenden (DE). **NIED, Hartmut** [DE/DE]; Erbachstrasse 19, 71336 Waiblingen (DE). **SCHRÖDER, Rolf** [DE/DE]; Mannspergerstrasse 96, 70619 Stuttgart (DE). **TENNERT, Petra** [DE/DE]; Steinbeisstrasse 59, 70839 Gerlingen (DE).

(74) **KOCHER, Klaus-Peter et al.** / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60K 20/02

(11) WO 2004/089676 (13) A2

(21) PCT/DE2004/000713

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 103 15 643.7 4 Apr/avr 2003 DE (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SHIFT-BY-WIRE GEARSHIFT MECHANISM COMPRISING A POSITION
• CHANGEMENT DE VITESSES DU TYPE SHIFT-BY-WIRE AVEC POSITION ≤P≥

(71) **ZF LEMFÖRDER METALLWAREN AG** [DE/DE]; 49448 Lemförde (DE). **FORD GLOBAL TECHNOLOGIES LLC** [US/US]; 600 Parklane Towers East, Dearborn, MI 48126 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KLIEMANNEL, Wolfgang** [DE/DE]; Carl-Storck-Weg 7, 49448 Lemförde (DE). **MEYER, Jörg** [DE/DE]; Kurzer Weg 4, 49419 Wägenfeld (DE). **MALM, Per-Arne** [SE/SE]; Jämbrottsgratan 17A, S-426 68 Västra Frölunda (SE). **AHNFALK, Henrik** [SE/SE]; Uddevallagatan 37, S-416 70 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ B60K 20/02

(11) WO 2004/089677 (13) A2

(21) PCT/DE2004/000714

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 103 15 643.7 4 Apr/avr 2003 DE (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SHIFT-BY-WIRE GEARSHIFT MECHANISM COMPRISING A P POSITION
• CHANGEMENT DE VITESSES DU TYPE SHIFT-BY-WIRE AVEC POSITION ≤P₂

(71) ZF LEMFÖRDER METALLWAREN AG [DE/DE]; 49448 Lemförde (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KLIEMANNEL, Wolfgang [DE/DE]; Carl-Storck-Weg 7, 49448 Lemförde (DE). MEYER, Jörg [DE/DE]; Kurzer Weg 4, 49419 Wagenfeld (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT

TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ B60K 31/00

(11) WO 2004/089678 (13) A1

(21) PCT/EP2004/003444

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) 103 16 313.1 10 Apr/avr 2003 DE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM FOR AUTOMATIC DISTANCE CONTROL

• SYSTEME DE REGULATION AUTOMATIQUE DE DISTANCE

(71) DAIMLERCHRYSLER AG [DE/DE]; Eppelstrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHNEIDER, Robert [DE/DE]; Mittelweg 8, 88483 Burgrieden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60L

(11) WO 2004/089679 (13) A2

(21) PCT/GB2004/001594

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 0308330.0 10 Apr/avr 2003 GB (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • STATION DESIGN FOR PERSONAL RAPID TRANSPORT SYSTEMS

• CONCEPTION DE GARE POUR SYSTEMES DE TRANSPORT RAPIDE DE PERSONNES

(71) ADVANCED TRANSPORT SYSTEMS LTD [GB/GB]; Unit 5 Brunel Way, Thornbury, Bristol BS35 3UR (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOWSON, Martin, V. [GB/GB]; Alpenfels, North Road, Leigh Woods, Bristol, BS8 3PJ (GB). COOK, Christopher, V. [GB/GB]; Stourton House, Shipton-on-Stour, Warkshire CV36 5HG (GB). HUGHES, David, G., H. [GB/GB]; 173 Badminton Road, Downend, Bristol BS16 6NW (GB).

(74) CHEYNE, John, Robert, Alexander, Mackenzie; Haseltine Lake, Imperial House, 15-19 Kingsway, London WC2B 6UD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁶ B60L 11/14

(11) WO 2004/089680 (13) A1

(21) PCT/JP1995/001109

(22) 6 Jun/juin 1995 (06.06.1995)

(25) ja (26) ja

(30) 6/147078 6 Jun/juin 1994 JP (06.06.1994)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HYBRID VEHICLE

• VEHICULE HYBRIDE

(71, 72) MOROTO, Shuzo [JP/JP]; c/o Equos Research Co., Ltd., 19-12, Sotokanda, 2-chome, Chiyoda-ku, Tokyo 101 (JP). YAMAGUCHI, Kozo [JP/JP]; c/o Equos Research Co., Ltd., 19-12, Sotokanda, 2-chome, Chiyoda-ku, Tokyo 101 (JP).

(74) KAWAMOTO, Kiyoshi; Equos Research Co., Ltd., 19-12, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101 (JP).

(81) US.

Published / Publiée : (e): 07Jul/juil 1998 (07.07.1998), 5775449

(51)⁷ B60L 11/14

(11) WO 2004/089681 (13) A1

(21) PCT/JP2004/004827

(22) 2 Apr/avr 2004 (02.04.2004)

(25) ja (26) ja

(30) 2003/101723 4 Apr/avr 2003 JP (04.04.2003)

(30) 2003/101747 4 Apr/avr 2003 JP (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ELECTRIC DRIVE DEVICE FOR VEHICLE AND HYBRID ENGINE/MOTOR-TYPE FOUR WHEEL DRIVE DEVICE

• DISPOSITIF A COMMANDE ELECTRIQUE POUR VEHICULE ET DISPOSITIF A COMMANDE A QUATRE ROUES MOTRICES DU TYPE A MOTEUR HYBRIDE/MOTEUR

(71) HITACHI, LTD. [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP). HITACHI CAR ENGINEERING CO., LTD. [JP/JP]; 2477, Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAHARA, Kazuo** [JP/JP]; c/o Hitachi Car Engineering Co., Ltd., 2477 Takaba, Hitachinaka-shi, Ibaraki, 312-0062 (JP). **NISHIDATE, Keisuke** [JP/JP]; c/o Hitachi, Ltd. Automotive Systems, 2520 Ozata-aba, Hitachinaka-shi, Ibaraki, 312-8503 (JP). **YOSHIDA, Kenichi** [JP/JP]; c/o Hitachi, Ltd., Automotive Systems, 2520, Oaza Takaba, Hitachinaka-shi, Ibaraki 312-8503 (JP). **SHIMIZU, Hisaya** [JP/JP]; c/o Hitachi, Ltd., Automotive Systems, 2520, Oaza Takaba, Hitachinaka-shi, Ibaraki 312-8503 (JP). **INNAMI, Toshiyuki** [JP/JP]; c/o Hitachi, Ltd., Automotive Systems, 2520, Oaza Takaba, Hitachinaka-shi, Ibaraki 312-8503 (JP). **FUJINO, Shinichi** [JP/JP]; c/o Hitachi, Ltd., Automotive Systems, 2520, Oaza Takaba, Hitachinaka-shi, Ibaraki 312-8503 (JP).

(74) **OGAWA, Katsuo**; Nitto International Patent Office, 8th Floor, No.17 Arai Building, 3-3, Shinkawa 1-chome, Chuo-ku, Tokyo 104-0033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60N 2/00

(11) **WO 2004/089682** (13) A2

(21) PCT/FR2004/000738

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) fr (26) fr

(30) 03 04009 **1 Apr/avr 2003** FR
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BASE CUSHION FOR A MOTOR VEHICLE SEAT
• COUSSIN D'ASSISE POUR SIEGE DE VEHICULE AUTOMOBILE

(71) **RENAULT S.A.S.** [FR/FR]; 13-15, quai Alphonse le Gallo, F-92100 Boulogne Billancourt (FR).
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(72, 75) **MAKALA, Jérôme** [FR/FR]; 31, avenue des Cèdres, F-92410 Ville D'Avray (FR).

(74) **DALEM, Carine**; Renault technocentre, Service 0267 TCR FRA 1 55, 1, avenue du Golf, F-78288 Guyancourt (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60N 2/12

(11) **WO 2004/089683** (13) A1

(21) PCT/GB2004/001542

(22) **8 Apr/avr 2004 (08.04.2004)**

(25) en (26) en

(30) 0308280.7 **10 Apr/avr 2003** GB
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • VEHICLE SEAT ASSEMBLY
• ENSEMBLE DE SIEGE DE VEHICULE

(71) **JOHNSON CONTROLS AUTOMOTIVE (UK) LTD** [GB/GB]; The Hamilton Centre, Widford Industrial Estate, Chelmsford, Essex CM1 3BY (GB).
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(72, 75) **ISHERWOOD, Christopher, Matthew** [GB/GB]; 2 Tabbs Gardens, Kidderminster DY10 2DT (GB). **SHORTHOUSE, Andrew, David** [GB/GB]; 94 Dickinson Drive, Bescot, Walsall WS2 9DP (GB). **MOORE, Simon** [GB/GB]; Jasmin Cottage, 8 Catteralls Lane, Whitechurch, Shropshire SY13 4DF (GB).

(74) **DEALTRY, Brian**; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60N 2/225

(11) **WO 2004/089684** (13) A1

(21) PCT/GB2004/001490

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) en (26) en

(30) 0307987.8 **7 Apr/avr 2003** GB
(07.04.2003)

(30) 0320721.4 **4 Sep/sep 2003** GB
(04.09.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AN INFINITELY VARIABLE CONTINUOUS RECLINER MECHANISM FOR VEHICLE SEATS AND SIMILAR APPLICATIONS
• MECANISME CONTINU DE SIEGE A BASCULE VARIABLE PROGRESSIVE-MENT POUR SIEGES DE VEHICULE ET APPLICATIONS ANALOGUES

(71) **ATL ENGINEERING (UK) LIMITED** [GB/GB]; Unit 15, Peartree Road, Stanway, Colchester, Essex C03 5JN (GB).
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(72, 75) **DREW, Michael** [GB/GB]; 23a Brittens Lane, Salford, Milton Keynes MK17 8BE (GB).

(74) **RAYNOR, Simon, Mark**; Urquhart-Dykes & Lord LLP, Midsummer House, Midsummer Boulevard, Central Milton Keynes MK9 3BN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B60N 2/30, 2/28, 2/02, 2/44, 2/20

(11) **WO 2004/089685** (13) A1

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(22) **14 Apr/avr 2004 (14.04.2004)**

(25) en (26) en

(30) 0308595.8 **14 Apr/avr 2003** GB
(14.04.2003)

(30) 0401400.7 **22 Jan/jan 2004** GB
(22.01.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • VEHICLE SEAT ASSEMBLY
• ENSEMBLE SIEGE DE VEHICULE

(71) **NISSAN TECHNICAL CENTRE EUROPE LTD.** [GB/GB]; Cranfield Technology Park, Bedfordshire MK43 0DB (GB).
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(72, 75) **ALLEN, Paul** [GB/GB]; c/o Nissan Technical Centre Europe Ltd, Cranfield Technology Park, Bedfordshire MK43 0DB (GB). **GANNA-KNIGHT, Leo** [GB/GB]; c/o Nissan Technical Centre Europe Ltd, Cranfield Technology Park, Bedfordshire MK43 0DB (GB).

(74) **HOPLEY, Joanne, Selina et al.** / etc.; David Keltie Associates, Fleet Place House, 2 Fleet Place, London EC4M 7ET (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

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SN TD TG).

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(51)⁷ B60N 2/427

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(21) PCT/EP2004/001400

(22) 14 Feb/fév 2004 (14.02.2004)

(25) de (26) de

(30) 103 16 341.7 10 Apr/avr 2003 DE
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HEIGHT-ADJUSTABLE MOTOR VEHICLE SEAT

• SIEGE DE VEHICULE REGLABLE EN HAUTEUR

(71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).
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(72, 75) HAAG, Klaus-Dieter [DE/DE]; Am Bergle 3, 71131 Jettingen (DE). ROTH, Gerhard [DE/DE]; Beethovenstrasse 5, 75242 Neuhausen (DE).

(74) BERGEN-BABINECZ, Katja et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM - C 106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60N 2/44, G01G 19/52

(11) WO 2004/089687 (13) A1

(21) PCT/JP2004/005186

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ja (26) ja

(30) 2003-106736 10 Apr/avr 2003 JP
(10.04.2003)

(30) 2003-185604 27 Jun/juin 2003 JP
(27.06.2003)

(30) 2003-426909 24 Dec/déc 2003 JP
(24.12.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SEAT DEVICE FOR MOTOR VEHICLE
• DISPOSITIF DE SIEGE POUR VEHICULE A MOTEUR

(71) AISIN SEIKI KABUSHIKI KAISHA [JP/JP]; 1, Asahi-machi 2-chome, Kariya-shi, Aichi 448-8650 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HANEDA, Hideo [JP/JP]; 27-88, Ohnagare, Yastuhashi-cho, Aichi 472-0001 (JP). SAKAMOTO, Kazunori [JP/JP]; 12, Yama,

Yama-machi, Chiryu-shi, Aichi 472-0006 (JP). INAYOSHI, Muneto [JP/JP]; 1-14-103, Noike, Toci-cho, Anjo-shi, Aichi 446-0007 (JP). KATO, Yukihiko [JP/JP]; 3-4, Toci-cho, Chiryu-shi, Aichi 472-0043 (JP).

(74) KITAMURA, Shuichiro; 8-1, Toyosaki 5-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/KR2004/000866

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(25) en (26) en

(30) 10-2003-0023513 14 Apr/avr 2003 KR
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE FOR MOVING HEADREST BACK AND FORTH

• DISPOSITIF PERMETTANT DE DEPLACER UN APPUI-TETE EN ARRIERE ET EN AVANT

(71, 72) CHUNG, Hae Il [KR/KR]; 1-101 Taeyoung Apartment, 2Lot 9Block Yeounhee 2giku, Seo-gu, 404-180 Incheon (KR).

(74) CHUNG, Tae Ryoun; DONG WON PATENT & TRADEMARK LAW FIRM, 12th Fl. Hyundai Jeonwon Officetel 1589-7, Socho-Dong, Socho-Gu, Seoul 137-070 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2/56, B60H 1/00

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(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) 103 16 275.5 8 Apr/avr 2003 DE
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • VEHICLE SEAT

• SIEGE DE VEHICULE

(71) JOHNSON CONTROLS GMBH [DE/DE]; Industriestrasse 20-30, 51399 Burscheid (DE).

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(72, 75) HARTWICH, Dirk [DE/DE]; Frielinghausen 27, 42399 Wuppertal (DE).

(74) KUTZENBERGER, Helga et al. / etc.; Kutzenberger & Wolff, Theodor-Heuss-Ring 23, 50668 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B60N 2/58, 2/70, B29C 33/12, 44/12

(11) WO 2004/089690 (13) A1

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(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 10/406,413 3 Apr/avr 2003 US
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ATTACHING COVERS TO SEAT CUSHIONS

• RECOUVREMENTS ATTACHABLES DE COUSSINS DE SIEGE

(71) VELCRO INDUSTRIES B.V. [NL/NL]; Castroweg 22-24, Curacao (AN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEMAIN, John [GB/GB]; 99 Dingleberry, Olney, Buckinghamshire MK 465 EU (GB). LEACH, Peter [US/US]; 20 Springwood Drive, Hooksett, NH 03106 (US).

(74) BABINEAU, James, W.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

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SN TD TG).

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(51)⁷ B60P 7/02, B60J 5/04

(11) WO 2004/089691 (13) A1

(21) PCT/KR2004/000772

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10-2003-0023009 11 Apr/avr 2003 KR
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AUTOMATIC OPENING AND CLOSING APPARATUS FOR LOADING AREA OF FREIGHT CAR

• APPAREIL A OUVERTURE ET A FERMETURE AUTOMATIQUE POUR UNE ZONE DE CHARGEMENT D'UN WAGON A MARCHANDISES

(71) DONGSEO LOGISTICS CO.LTD. [KR/KR]; #304 Limkwang Bldg., 1015-1 Bangbae 3-dong, Seocho-gu, Seoul 137-850 (KR).

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(72, 75) KONG, Jongsik [KR/KR]; 301-1106, Byuksan APT, 633, Gumho 1Ga-dong, Sungdong-gu, Seoul 137-850 (KR).

(74) CHUNG, Sangsup; Han-Shin IT Tower #512, 235, Guro-dong, Guro-gu, Seoul 152-050 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60R

(11) WO 2004/089692 (13) A2

(21) PCT/US2004/010241

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/405,526 2 Apr/avr 2003 US
(02.04.2003)

(30) 10/812,110 29 Mar/mar 2004 US
(29.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • REARVIEW MIRROR WITH INTEGRATED FRAME AND HAVING MAGNESIUM COMPONENTS

• RETROVISEUR A CADRE INTEGRE ET COMPORTANT DES COMPOSANTS AU MAGNESIUM

(71) GENETEX CORPORATION [US/US]; 600 North Centennial Street, Zeeland, MI 49464 (US).

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(72, 75) CARTER, John, W. [US/US]; 2278 Woodlark Drive, Holland, MI 49424 (US).

RUMSEY, Wayne [US/US]; 10660 Fawn View Court, Holland, MI 49424 (US).

YPMA, Kenton, J. [US/US]; 2885 Highbrook Drive, Hudsonville, MI 49426 (US).

BOSTWICK, Daniel, J. [US/US]; 6485 - 8th Avenue, Grandville, MI 49418 (US).

FOGG, Jeremy, A. [US/US]; 2847 North Lakeshore, Holland, MI 49424 (US).

(74) DOLCE, Marcus, P.; Price, Heneveld, Cooper, DeWitt & Litton, LLC, 695 Kenmoor, S.E., P.O. Box 2567, Grand Rapids, MI 49501-2567 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60R

(11) WO 2004/089693 (13) A2

(21) PCT/US2004/010506

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,811 3 Apr/avr 2003 US
(03.04.2003)

(30) 60/467,356 1 May/mai 2003 US
(01.05.2003)

(30) 60/472,649 21 May/mai 2003 US
(21.05.2003)

(30) 60/490,319 25 Jul/juil 2003 US
(25.07.2003)

(30) 60/514,535 21 Oct/oct 2003 US
(21.10.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SEAT WITH ADJUSTABLE SUPPORT SYSTEM

• SIEGE AVEC SYSTEME DE SUPPORT REGLABLE

(71, 72) WALKER, Brock, M. [US/US]; 4095 Hulett Road, Okemos, MI 48864 (US).

O'BRIEN, James, A. [US/US]; 6332 Avenue F., LaSalle, MI 48145 (US).

(74) FERNANDEZ, Alejandro, J.; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60R 7/04

(11) WO 2004/089694 (13) A1

(21) PCT/SE2004/000536

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 0301055-0 10 Apr/avr 2003 SE
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HOLDER FOR CARDS OF THE CREDIT CARD TYPE

• SUPPORT DE CARTE DU TYPE CARTE DE CREDIT

(71) SCANIA CV AB (PUBL) [SE/SE]; Fack, S-151 87 Södertälje (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOLMSTRAND, Mats [SE/SE]; Högmovägen 54, S-151 68 Södertälje (SE).

(74) EGRELIUS, Fredrik; Scania CV AB (publ), Patents, UTY byggnad 117, S-151 87 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60R 11/02

(11) WO 2004/089695 (13) A1

(21) PCT/KR2004/000789

(22) 6 Apr/avr 2004 (06.04.2004)

(25) ko (26) en

(30) 20-2003-0010749 9 Apr/avr 2003 KR
(09.04.2003)

(30) 20-2003-0010750 9 Apr/avr 2003 KR
(09.04.2003)

(30) 20-2003-0031606 8 Oct/oct 2003 KR
(08.10.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • APPARATUS FOR RECEIVING MONITOR FOR VEHICLES

• APPAREIL DE RECEPTION DE MONITEUR POUR VEHICULES

(71) TECHMAX CO., LTD [KR/KR]; 263 Nae-dong, Ojeong-gu, Bucheon, Gyeonggi-do 421-807 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OH, Chang-Jong [KR/KR]; 102-1003 Gwanaksan Hyeundai hometown apartment,

- 166 Seoksu 1-dong, Manan-gu, Anyang, Gyeonggi-do, 430-804 (KR).
- (74) **Cheongnam Patent Information Technology**; 6th Floor, Gumseong Bldg., 827-4, Yeoksam-dong, Gangnam-gu., Seoul 135-935 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B60R 16/02**
- (11) **WO 2004/089696** (13) A1
- (21) PCT/JP2004/004787
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) en (26) en
- (30) 2003-100457 **3 Apr/avr 2003 (03.04.2003)** JP
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ELECTRONIC DOOR SYSTEM WITH A LIN-SUBBUS
• SYSTEME DE PORTE ELECTRONIQUE AVEC SOUS-BUS DE TYPE LIN
- (71) **YAZAKI CORPORATION** [JP/JP]; 4-18, Mita 1-chome, Minato-ku, Tokyo 108-8333 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAGASAWA, Kazumi** [JP/JP]; c/o Yazaki Parts Co., Ltd., 159-1, Kaminokiri, Fukujicho, Toyota-shi, Aichi 470-1214 (JP). **OZAKI, Toshiaki** [JP/JP]; c/o Yazaki Parts Co., Ltd., 159-1, Kaminokiri, Fukujicho, Toyota-shi, Aichi 470-1214 (JP). **SHIMIZU, Norihito** [JP/JP]; c/o Yazaki Parts Co., Ltd., 159-1, Kaminokiri, Fukujicho, Toyota-shi, Aichi 470-1214 (JP).
- (74) **OGURI, Shohei et al.** / etc.; Eikoh Patent Office, 13th Floor, Ark Mori Building, 2-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B60R 21/00**
- (11) **WO 2004/089698** (13) A2
- (21) PCT/FR2004/000677
- (22) **19 Mar/mar 2004 (19.03.2004)**
- (25) fr (26) fr
- (30) 03/04044 **1 Apr/avr 2003 (01.04.2003)** FR
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SUPPORT FOR A PART OF THE CHASSIS OF A MOTOR VEHICLE
• SUPPORT POUR UNE PIECE DE CARROSSERIE DE VEHICULE AUTOMOBILE
- (71) **RENAULT S.A.S** [FR/FR]; 13-15, quai Alphonse Le Gallo, F-92100 Boulogne Billancourt (FR).
- (72) **ZANOLIN, Dominique**; 18, rue Pottier, F-78150 Le Chesnay (FR). **TETU, Yvon**; 6ter, rue Voltaire, F-92250 La Garenne Colombe (FR). **MACQUAIRE, Bruno**;
- 160, avenue du Général Leclerc, Bâtiment 6, F-91190 Gif-Sur-Yvette (FR).
- (74) **GUYON, Rodolphe**; Renault Technocentre, Service 0267 TCR GRA 155, 1, avenue du Golf, F-78288 Guyancourt (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B60R 21/01**
- (11) **WO 2004/089699** (13) A1
- (21) PCT/CA2004/000518
- (22) **6 Apr/avr 2004 (06.04.2004)**
- (25) en (26) en
- (30) 2,424,708 **8 Apr/avr 2003 (08.04.2003)** CA
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A METHOD AND APPARATUS FOR SENSING IMPACT BETWEEN A VEHICLE AND AN OBJECT
• PROCEDE ET APPAREIL POUR DETECTER LE CHOC ENTRE UN VEHICULE ET UN OBJET
- (71, 72) **DANISCH, Lee, A.** [CA/CA]; Measurand Inc., 2111 Hanwell Road, Fredricton, New Brunswick E3C 1M7 (CA).
- (74) **MCFADDEN, FINCHAM**; Suite 606, 225 Metcalf Street, Ottawa, Ontario K2P 1P9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B60R 21/16**
- (11) **WO 2004/089700** (13) A1
- (21) PCT/GB2004/001610
- (22) **14 Apr/avr 2004 (14.04.2004)**
- (25) en (26) en
- (30) 0308590.9 **14 Apr/avr 2003 (14.04.2003)** GB
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • AIRBAG PROTECTION APPARATUS

• DISPOSITIF DE PROTECTION A AIR-BAG

(71) **BELTONROSS LIMITED** [GB/GB]; 56 Pepper Hill, Great Amwell, Hartfordshire SG12 9RZ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BELTON, Terence, J.** [GB/GB]; 56 Pepper Hill, Great Amwell, Hartfordshire SG12 9RZ (GB).

(74) **HIRSZ, Christopher, Stanislaw**; Hepworth Lawrence Bryer & Bizley, Merlin House, Flaconry Court, Baker's Lane, Epping, Essex CM16 5DQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B60R 21/16, 21/18**

(11) **WO 2004/089701** (13) A1

(21) PCT/SE2004/000383

(22) **17 Mar/mar 2004 (17.03.2004)**

(25) en (26) en

(30) 0308348.2 **10 Apr/avr 2003 SE (10.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AN AIR-BAG AND A METHOD OF ASSEMBLING AN AIR-BAG

• AIRBAG ET PROCEDE POUR ASSEMBLER UN AIRBAG

(71) **AUTOLIV DEVELOPMENT AB** [SE/SE]; S-447 83 VÄRGÅRDA (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JAMBUT, Jean-Francois** [FR/FR]; 1, rue de Prayon, F-60000 Beauvais (FR). **BRONNER, Jérôme** [FR/FR]; 40 A, Avenue de la 1ere armée française, F-76220 Gournay en Bray (FR). **OUALLET, Pascal** [FR/FR]; 1, rue de la Hayette, F-60850 Saint Pierre des Champs (FR). **PERRIER, Laurent** [FR/FR]; 304, Rue de Hêtre, F-76440 Mauquenchy (FR).

(74) **MEULLER, Erik**; Autoliv Development AB, S-447 83 VÄRGÅRDA (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B60R 21/34, B62D 25/12**

(11) **WO 2004/089702** (13) A1

(21) PCT/EP2004/002387

(22) **9 Mar/mar 2004 (09.03.2004)**

(25) de (26) de

(30) 103 16 595.9 **11 Apr/avr 2003 DE (11.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SAFETY DEVICE

• DISPOSITIF DE SECURITE

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VISEL, Kai** [DE/DE]; Schwarzwaldstrasse 114, 70569 Stuttgart (DE).

(74) **BRÜCKNER, Ingo et al.** / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM-C106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ **B60R 21/34**

(11) **WO 2004/089703** (13) A1

(21) PCT/EP2004/002587

(22) **12 Mar/mar 2004 (12.03.2004)**

(25) de (26) de

(30) 103 15 827.8 **8 Apr/avr 2003 DE (08.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROTECTIVE DEVICE FOR PERSONS IN A CASE OF A FRONTAL IMPACT WITH A VEHICLE

• DISPOSITIF DE PROTECTION DE PERSONNES EN CAS DE CHOC FRONTAL AVEC UN VEHICULE

(71) **ISE INNOVATIVE SYSTEMS EUROPE GMBH** [DE/DE]; Othestrass 19, 51693 Bergneustadt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LANG, József** [HU/HU]; Pajtás u. 30, H-1131 Budapest (HU). **MIKA, Frank** [DE/DE]; Heddinghausen 37, 51588 Nümbrecht (DE). **REX, Martin** [DE/DE]; Kirchhardt 14, 51570 Windeck (DE).

(74) **FUCHS, Jürgen, H. et al.** / etc.; Söhnleinstrasse 8, 65201 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **B60R 21/34, 21/01, 19/48**

(11) **WO 2004/089704** (13) A1

(21) PCT/SE2004/000570

(22) **8 Apr/avr 2004 (08.04.2004)**

(25) en (26) en

(30) 0308220.3 **9 Apr/avr 2003 GB (09.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A PEDESTRIAN DETECTING SYSTEM
• SYSTEME DE DETECTION DE PIETON

(71) **AUTOLIV DEVELOPMENT AB** [SE/SE]; S-447 83 VÄRGÅRDA (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATHEVON, Vincent** [FR/SE]; Almedalsgränd 6, S-591 95 Motala (SE). **WILLERTON, Mark** [GB/SE]; Svagatan 10, S-592 42 Vadstena (SE).

(74) **MEULLER, Erik**; Autoliv Development AB, S-447 83 VÄRGÅRDA (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B60R 22/48, 22/18, 21/01, A44B 11/26**

(11) **WO 2004/089705** (13) A1

(21) PCT/AU2004/000449

(22) **8 Apr/avr 2004 (08.04.2004)**

(25) en (26) en

(30) 2003901686 **9 Apr/avr 2003 AU (09.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • REMOTELY LOCKABLE SEAT BELT ARRANGEMENT

- DISPOSITIF DE CEINTURE DE SECURITE POUVANT ETRE VERROUILLEE A DISTANCE
- (71, 72) O'BRIEN, David [AU/AU]; 2 Radley Place, Cherrybrook, NSW 2120 (AU).
- (74) SPRUSON & FERGUSON; GPO Box 3898, Sydney, NSW 2001 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
-
- (51)⁷ B60S 1/08
- (11) WO 2004/089706 (13) A1
- (21) PCT/EP2004/003713
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) de (26) de
- (30) 103 16 107.4 9 Apr/avr 2003 DE (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR EVALUATING A RAIN SENSOR
- PROCEDE POUR ANALYSER UN CAPTEUR DE PLUIE
- (71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHNEIDER, Mark-Tell [DE/DE]; Hanne-Schorp-Pflumm-Weg 6, 70569 Stuttgart (DE).
- (74) KOLB, Georg et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM/C-106, 70546 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B60S 3/00, 3/06
- (11) WO 2004/089708 (13) A2
- (21) PCT/TR2004/000023
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) tr (26) en
- (30) 2003/00450 7 Apr/avr 2003 TR (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • IMPROVEMENT IN AUTOMATIC VEHICLE WASHING MACHINES
- AMELIORATION APPORTEE A DES MACHINES DE LAVAGE AUTOMATIQUE DE VEHICULES
- (71, 72) UZUNÖREN, Oray [TR/TR]; SAIM ÇIKRIKÇI CD. NO:85 KISIKKÖY, MENDERES, 35476 IZMIR (TR).
- (74) DESTEK PATENT, INC.; Tophane Ortapazar Cad. No:7 Osmangazi, 16040 Bursa (TR).
-
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B60T 1/12, B60R 19/20
- (11) WO 2004/089709 (13) A1
- (21) PCT/RU2003/000405
- (22) 15 Sep/sep 2003 (15.09.2003)
- (25) ru (26) ru
- (30) 2003110439 11 Apr/avr 2003 RU (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • TRANSPORT MEANS (VARIANTS), MEANS FOR PROTECTING TRANSPORT MEANS
- VEHICULE DE TRANSPORT ET MOYEN DE PROTECTION DU VEHICULE DE TRANSPORT
- (71, 72) KLEBA, Yuriy Mikhailovich [RU/RU]; ul. Karpinskogo, 28-4-39, St.Petersburg, 195952 (RU).
- (74) STANKOVSKY, Viktor Mikahilovich et al. / etc.; Law Firm "Gorodissky & Partners" Ltd., Kamennostrovsky prosp., 1-30, St.Petersburg, 197046 (RU).
- (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 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 PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TR TT US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT 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 HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)⁷ B60S 1/58
- (11) WO 2004/089707 (13) A1
- (21) PCT/EP2004/003528
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) fr (26) fr

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT 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 HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ B60T 7/06, B60R 21/09

(11) WO 2004/089710 (13) A1

(21) PCT/EP2004/001731

(22) 21 Feb/fév 2004 (21.02.2004)

(25) de (26) de

(30) 103 16 952.0 12 Apr/avr 2003 DE (12.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SAFETY DEVICE FOR A MOTOR VEHICLE COMPRISING A FRONT-END STRUCTURE

• DISPOSITIF DE SECURITE POUR UN VEHICULE AUTOMOBILE COMPRENANT UNE STRUCTURE D'AVANT-CORPS

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AVERDIEK, Reinhard [DE/DE]; Hofstättenweg 2, 71063 Sindelfingen (DE). BREITLING, Dietmar [DE/DE]; Frühmessgarten 14, 72218 Wildberg (DE). GAISER, Ferdinand [DE/DE]; Friedenstrasse 20, 75397 Simmozheim (DE). HERRE, Joachim [DE/DE]; Hoelderlinstrasse 20, 72074 Tübingen (DE). KREMPPELS, Uwe [DE/DE]; Humboldtstrasse 20, 71032 Böblingen (DE). KRÜGER, Richard [DE/DE]; Offenburger Strasse 65, 71034 Böblingen (DE). LARSSON, Bengt [DE/DE]; Ahornweg 5, 71063 Sindelfingen (DE). MÜLLER, Christoph [DE/DE]; Nagoldstrasse 7, 71065 Sindelfingen (DE). PIESCHE, Michael [DE/DE]; Kohlplatte 43, 71131 Jettingen (DE). RIEHLE, Klaus [DE/DE]; Robert-Schumann-Weg 6, 72411 Bodelshausen (DE). SCHMIDT, Axel [DE/DE]; Osterstrasse 18/1, 70794 Filderstadt (DE). SCHNABEL, Alfred [DE/DE]; Birkenweg 9, 75382 Althengstett (DE).

(74) BERGEN-BABINECZ, Katja et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM - C 106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60T 7/10, 13/74

(11) WO 2004/089711 (13) A1

(21) PCT/EP2004/050471

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) 103 15 970.3 8 Apr/avr 2003 DE (08.04.2003)

(30) 10 2004 015 710.3 29 Mar/mar 2004 DE (29.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE AND METHOD FOR OPERATING A MOTOR-VEHICLE PARKING BRAKE

• PROCEDE ET DISPOSITIF POUR FAIRE FONCTIONNER UN FREIN DE STATIONNEMENT DE VEHICULE

(71) CONTINENTAL TEVES AG & CO. OHG [DE/DE]; Guerickestrasse 7, 60488 Frankfurt am Main (DE).

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(72, 75) KLUSEMANN, Rainer [DE/DE]; Sonnenweg 109, 60529 Frankfurt am Main (DE). BÜSE, Axel [DE/DE]; Alt-Niedereschbach 4, 60437 Frankfurt am Main (DE). STASTNY, Karel [DE/DE]; Katharina-Petr.-Str. 13, 65936 Frankfurt am Main (DE). HINN, Mirco [DE/DE]; Schönwetterstrasse 19, 60320 Frankfurt am Main (DE).

(74) CONTINENTAL TEVES AG & CO. OHG; Guerickestrasse 7, 60488 Frankfurt am Main (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B60T 8/40, 8/44

(11) WO 2004/089712 (13) A1

(21) PCT/EP2004/050459

(22) 6 Apr/avr 2004 (06.04.2004)

(25) de (26) de

(30) 10316750.1 10 Apr/avr 2003 DE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HYDRAULIC VEHICLE BRAKING SYSTEM

• SYSTÈME DE FREINAGE HYDRAULIQUE DE VÉHICULE

(71) CONTINENTAL TEVES AG & CO. OHG [DE/DE]; Guerickestrasse 7, 60488 Frankfurt am Main (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FENNEL, Helmut [DE/DE]; Feldbergstr. 8, 65812 Bad Soden (DE). WOYWOD, Jürgen [DE/DE]; Liebknechtstr. 10, 64546 Mörfelden (DE). GRONAU, Ralph [DE/DE]; Joh. Pinzier-Str.7, 35083 Wetter (DE). BURKHARD, Dieter [DE/DE]; Im Schiessgraben 20, 55411 Bingen-Büdelheim (DE).

(74) CONTINENTAL TEVES AG & CO. OHG; Guerickestrasse 7, 60488 Frankfurt am Main (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B60T 8/40, 7/08, 13/66

(11) WO 2004/089713 (13) A1

(21) PCT/EP2004/050473

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) 103 15 956.8 8 Apr/avr 2003 DE (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR THE OPERATION OF A HYDRAULIC BRAKE SYSTEM WITH AN INTEGRATED PARKING-BRAKE FUNCTION FOR MOTOR VEHICLES

• PROCEDE POUR FAIRE FONCTIONNER UN SYSTEME DE FREINAGE HYDRAULIQUE A FONCTION DE FREINAGE DE STATIONNEMENT INTEGREE SUR DES VEHICULES

(71) CONTINENTAL TEVES AG & CO. OHG [DE/DE]; Guerickestrasse 7, 60488 Frankfurt am Main (DE).

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(72, 75) GIERS, Bernhard [DE/DE]; Kaiser Sigmund Str. 60, 60320 Frankfurt am Main (DE).

(74) CONTINENTAL TEVES AG & CO. OHG; Guerickestrasse 7, 60488 Frankfurt am Main (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B60T 11/20, 8/48
- (11) WO 2004/089714 (13) A1
- (21) PCT/EP2004/050461
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) de (26) de
- (30) 103 16 035.3 7 Apr/avr 2003 DE (07.04.2003)
- (30) 103 22 688.5 21 May/mai 2003 DE (21.05.2003)
- (30) 103 57 709.2 9 Dec/déc 2003 DE (09.12.2003)
- (30) 10 2004 005 405.3 3 Feb/fév 2004 DE (03.02.2004)
- (30) 10 2004 014 808.2 24 Mar/mar 2004 DE (24.03.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DEVICE FOR MONITORING THE POSITION AND DISPLACEMENT OF A BRAKE PEDAL
- DISPOSITIF DE SURVEILLANCE DE LA POSITION ET DU MOUVEMENT D'UNE PEDALE DE FREINAGE
- (71) CONTINENTAL TEVES AG & CO. oHG [DE/DE]; Guerickestr. 7, 60488 Frankfurt/Main (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VON HAYN, Holger [DE/DE]; Friedensstrasse 8a, 61118 Bad Vilbel (DE). SCHONLAU, Jürgen [DE/DE]; Mühlstrasse 62b, 65396 Walluf (DE). RÜFFER, Manfred [DE/DE]; Grüner Weg 3, 65843 Sulzbach (DE). RITTER, Wolfgang [DE/DE]; Burgstrasse 12, 61440 Oberursel/Ts. (DE). KLIMES, Milan [DE/DE]; Hahnheimer Strasse 14, 55270 Zornheim (DE). QUEISSER, Torsten [DE/DE]; Dietrichstrasse 2, 60439 Frankfurt (DE). KREH, Heinrich [DE/DE]; Anton-Lux-Ring 11, 61197 Florstadt (DE). VOIGTMANN, Thomas [DE/DE]; Dreieichstrasse 52, 61381 Friedrichsdorf-Köppern (DE).
- (74) CONTINENTAL TEVES AG & CO. oHG; Guerickestr. 7, 60488 Frankfurt/Main (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B60T 13/74, 7/10
- (11) WO 2004/089715 (13) A1
- (21) PCT/IT2003/000222
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) it (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • VEHICLE PARKING BRAKE ACTUATOR
- DISPOSITIF DE COMMANDE DE FREIN DE PARKING DE VEHICULE
- (71) FRENI BREMBO S.P.A. [IT/IT]; Via Brembo, 25, I-24035 Curno (IT).
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- (72, 75) TEMPESTINI, Serge [FR/IT]; Via Puglia, 3, I-24035 Curno (IT). CARRARA, Marco [IT/IT]; Via Febo Borromeo, 14, I-20062 Cassano D'Adda (IT).
- (74) VITTORANGELI, Lucia et al. / etc.; Jacobacci & Partners S.p.A, Via Senato, 8, I-20121 Milano (IT).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B61F 5/22, 5/10, 5/12
- (11) WO 2004/089716 (13) A1
- (21) PCT/EP2004/003733
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) de (26) de
- (30) 103 16 497.9 9 Apr/avr 2003 DE (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • RUNNING GEAR FOR A RAILWAY VEHICLE PROVIDED WITH AN IMPROVED TRANSVERSAL SUSPENSION
- TRAIN DE ROULEMENT POUR VEHICULE SUR RAILS A MEILLEURE SUSPENSION TRANSVERSALE
- (71) BOMBARDIER TRANSPORTATION GMBH [DE/DE]; Saatwinkler Damm 43, 13627 Berlin (DE).
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- (72, 75) SCHNEIDER, Richard [CH/CH]; Bolliweg 5, CH-8240 Thayngen (CH). MATHER, Geoff [GB/GB]; 27 Town Street, Duffield, Derby, DE56 4EH (GB). ZIMMERGREN, Patrik [SE/SE]; Nedre Langvinkelsgatan 61, S-25 234 Helsingborg (SE). SCOTHERN, Robert [GB/GB]; 66 Ferres Way, Allestree, Derby, DE22 2BB (GB).
- (74) MEYER, Hans-Joachim; Cohausz & Florack, Zusammenschluss Nr. 24, Bleichstrasse 14, 40211 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B61H 1/00, 13/36
- (11) WO 2004/089717 (13) A1
- (21) PCT/SE2004/000538
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 0301051-9 8 Apr/avr 2003 SE (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A RAIL VEHICLE BOGIE BRAKE BEAM
- POUTRE-FREIN DE TRAIN ROULANT DE VEHICULE FERROVIAIRE
- (71) SAB WABCO NORDIC AB [SE/SE]; Box 515, S-261 24 Landskrona (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EMILSSON, Fred [SE/SE]; Stora Slägarp, Villa Solheda, S-231 75 Trelleborg (SE). HAAG, Magnus [SE/SE]; Vårbogatan 34, S-212 32 Malmö (SE).
- (74) STRÖM & GULLIKSSON IPC AB; Box 4188, S-203 13 Malmö (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B61L 29/00
- (11) WO 2004/089718 (13) A1
- (21) PCT/CN2003/000379
- (22) 22 May/mai 2003 (22.05.2003)
- (25) zh (26) zh
- (30) 03244719.1 9 Apr/avr 2003 CN (09.04.2003)

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • AN AUTOMATICALLY SAFELY ARRESTING VEHICLES AND REMOVING OBSTACLES SYSTEM FOR RAILWAY UNWATCHED CROSSING
- SYSTEME AUTOMATIQUE PERMETTANT D'ARRETER DE MANIERE SURE LES VEHICULES ET D'EVACUER LES OBSTACLES SUR PASSAGES A NIVEAU NON SURVEILLES
- (71, 72) SONG, Youzhou [CN/CN]; Room 202, 27 Building, Taoyuan Area, Jinshanqiao Developing Zone, Xuzhou, Jiangsu 221000 (CN).
- (74) UNITALEN ATTORNEYS AT LAW; WANG, Xueqiang, Rm.30703, 7th Floor Scitech Place, No. 22 Jian Guo Men Wai Ave., Chaoyang District, Beijing 100004 (CN).
- (81) AE (Utility model / modèle d'utilité) AG AL (Utility model / modèle d'utilité) AM (Utility model / modèle d'utilité) AT (Utility model / modèle d'utilité) AT AU AZ (Utility model / modèle d'utilité) BA BB BG (Utility model / modèle d'utilité) BR (Utility model / modèle d'utilité) BY (Utility model / modèle d'utilité) BZ (Utility model / modèle d'utilité) CA CH CO CR (Utility model / modèle d'utilité) 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 (Utility model / modèle d'utilité) EE (Utility model / modèle d'utilité) EE ES (Utility model / modèle d'utilité) FI (Utility model / modèle d'utilité) FI 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 (Utility model / modèle d'utilité) 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 (Utility model / modèle d'utilité) NI NO NZ OM PH (Utility model / modèle d'utilité) PL (Utility model / modèle d'utilité) PT (Utility model / modèle d'utilité) RO RU (Utility model / modèle d'utilité) SC SD SE SG SK (Utility model / modèle d'utilité) SK SL (Utility model / modèle d'utilité) TJ (Utility model / modèle d'utilité) TM TN TR (Utility model / modèle d'utilité) TT TZ UA (Utility model / modèle d'utilité) UG US UZ (Utility model / modèle d'utilité) VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (Utility model / modèle d'utilité) (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B62B 1/20
- (11) WO 2004/089719 (13) A2
- (21) PCT/DK2004/000258
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) da (26) en
- (30) PA 2003 00550 10 Apr/avr 2003 DK (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • RACK FOR A WASTE BAG
- SUPPORT POUR SAC A DECHETS
- (71, 72) BENNEBALLE, Rune [DK/DK]; Norddalsvej 1, DK-2840 Holte (DK).
- (74) A & A PATENT NYVANG et al. / etc.; CHRISTENSEN, JENS NYVANG, Langebjergvej 322 C, DK-3050 Humlebæk (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B62B 3/14, 7/00
- (11) WO 2004/089720 (13) A1
- (21) PCT/NL2004/000245
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) nl (26) en
- (30) 1023178 14 Apr/avr 2003 NL (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SHOPPING CART DESIGNED AS PLAY APPARATUS
- CHARIOT D'ACHATS CONÇU COMME UN APPAREIL DE JEU
- (71) V.O.F. VOS & VOS VORMGEVING [NL/NL]; Merwestraat 3 A, NL-4251 CR Werkendam (NL). KUNSTSTOFFEN-FABRIEK C.A. BOER B.V. [NL/NL]; Hyacinthstraat 2, NL-4255 HX Nieuwendijk (NL).
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- (72, 75) VOS, Matthijs [NL/NL]; Sasdijk 66, NL-4251 AD Werkendam (NL).
- (74) WINCKELS, J., H., F.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ B62D
- (11) WO 2004/089721 (13) A2
- (21) PCT/US2004/010314
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/459,678 2 Apr/avr 2003 US (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FORGED HITCH BAR
- BARRE D'ATTELAGE FORGEE
- (71) CEQUENT TOWING PRODUCTS, INC. [US/US]; 47774 Anchor Court, Plymouth, MI 48170 (US).
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- (72, 75) LINDENMAN, Thomas, W. [US/US]; 18488 Kern Road, South Bend, IN 46614 (US). McCOY, Richard, W. [US/US]; 51159 deerpath drive, Granger, IN 46530 (US). HOOPES, Michael, A. [US/US]; 501 U.S. 131, Lot 35, White Pigeon, MI 49099 (US).
- (74) SCHICKLI, Warren, D. et al. / etc.; King and Schickli, PLLC, 247 North Broadway, Lexington, KY 40507 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B62D 1/18
- (11) WO 2004/089722 (13) A1
- (21) PCT/EP2004/002103
- (22) 3 Mar/mar 2004 (03.03.2004)
- (25) de (26) de
- (30) 103 16 190.2 9 Apr/avr 2003 DE (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CLAMPING DEVICE FOR FIXING THE POSITION OF A STEERING COLUMN
- DISPOSITIF DE SERRAGE POUR BLOQUER LA POSITION D'UNE COLONNE DE DIRECTION
- (71) INA-SCHAEFFLER KG [DE/DE]; Industriestrasse 1-3, 91074 Herzogenaurach (DE).
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- (72, 75) HOCHMUTH, Harald [DE/DE]; Platanenweg 7, 91469 Hagenbüchach (DE). WIESNETH, Bernhard [DE/DE]; Lange Zeile 98, 91054 Erlangen (DE).
- (74) INA-SCHAEFFLER KG; Industriestrasse 1-3, 91074 Herzogenaurach (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B62D 3/12

(11) WO 2004/089723 (13) A1

(21) PCT/EP2004/002725

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de (26) de

(30) 103 15 603.8 5 Apr/avr 2003 DE (05.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • STEERING GEAR
• MECANISME DE DIRECTION

(71) ZF LENKSYSTEME GMBH [DE/DE]; Richard-Bullinger-Strasse 77, 73527 Schwäbisch Gmünd (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RUPP, Arthur [DE/DE]; Kolbergstrasse 4, 73460 Hüttlingen (DE). GEISER, Michael-Horst [DE/DE]; Schiesstalstrasse 14, 73527 Schwäbisch Gmünd (DE).

(74) ZF LENKSYSTEME GMBH; Patentabteilung, Richard-Bullinger-Strasse 77, 73527 Schwäbisch Gmünd (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ B62D 5/04

(11) WO 2004/089724 (13) A1

(21) PCT/EP2004/003636

(22) 6 Apr/avr 2004 (06.04.2004)

(25) de (26) de

(30) 103 15 704.2 7 Apr/avr 2003 DE (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • POWER STEERING GEAR WITH ELECTRIC MOTOR LOCKING DEVICE
• DIRECTION ASSISTEE POURVUE D'UN SYSTEME DE VERROUILLAGE DE MOTEUR ELECTRIQUE

(71) ZF LENKSYSTEME GMBH [DE/DE]; Richard-Bullinger-Strasse 77, 73527 Schwäbisch Gmünd (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KÜHNHÖFER, Thomas [DE/DE]; Wäschbachweg 5, 73540 Heubach (DE). BIEGERT, Rainer [DE/DE]; Am Hungerberg 27, 89558 Böhmenkirch (DE).

(74) ZF LENKSYSTEME GMBH; Patentabteilung EP, Richard-Bullinger-Strasse 77, 73527 Schwäbisch Gmünd (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ B62D 6/04

(11) WO 2004/089725 (13) A1

(21) PCT/GB2004/001356

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 0308133.8 9 Apr/avr 2003 GB (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • RACK FORCE DISTURBANCE REJECTION
• REJET DE PERTURBATION DE FORCE DE CREMAILLE

(71) TRW LIMITED [GB/GB]; Stratford Road, Solihull, B90 4LA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PICK, Andrew, James [GB/GB]; 9 Cedar Close, Ware, Herts SG12 9PG (GB). SWORN, Timothy, James [GB/GB]; 62 Station Road, Harborne, Birmingham B17 9LX (GB). BARTON, Andrew, Dennis [GB/GB]; 31 Whitnash Close, Balsall Common, Coventry CV7 7PR (GB). FARRELLY, James, Owen, Patrick [GB/GB]; 42 Arthur Street, Kenilworth, Warwickshire CV8 2HE (GB).

(74) W.P.THOMPSON & CO.; Coopers Building, Church Street, Liverpool, L1 3AB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B62D 7/22, 1/16, 1/19

(11) WO 2004/089726 (13) A1

(21) PCT/SE2004/000266

(22) 27 Feb/fév 2004 (27.02.2004)

(25) sv (26) en

(30) 0301060-0 10 Apr/avr 2003 SE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • ARRANGEMENT FOR VIBRATION DAPING IN A STEERING COLUMN
• DISPOSITIF D'AMORTISSEMENT DES VIBRATIONS DANS UNE COLONNE DE DIRECTION

(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) BODIN, Jan-Olof [SE/SE]; Hulthebackavägen 94, S-441 65 Alingsås (SE).

(74) ALBIHNS GÖTEBORG AB; Box 142, S-401 22 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B62D 23/00, 21/15, 39/00, B63B 3/28, B64C 1/00

(11) WO 2004/089727 (13) A1

(21) PCT/AT2004/000118

(22) 5 Apr/avr 2004 (05.04.2004)

(25) de (26) de

(30) A 536/2003 7 Apr/avr 2003 AT (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • MODULE PERTAINING TO A COMPARTMENT ELEMENT SAFETY CELL FOR A MEANS OF TRANSPORT
• MODULE DE PILE DE SECURITE POUR ELEMENT DE MOYEN DE TRANSPORT

(71, 72) DOUET, Bernard [AT/AT]; Zehenthofgasse 10/14, A-1190 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B62D 33/067

(11) WO 2004/089728 (13) A1

(21) PCT/NO2004/000102

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 0301073-3 10 Apr/avr 2003 SE
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • A DEVICE FOR MOUNTING A
DRIVER'S CABIN ON A FRAME OF A
VEHICLE

• DISPOSITIF DESTINE A MONTER
UNE CABINE DE CONDUCTEUR SUR
LE CHASSIS D'UN VEHICULE

(71) KONGSBERG AUTOMOTIVE ASA
[NO/NO]; P.O. Box 62, N-3602 Kongsberg
(NO).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BJØRKGÅRD, Sven [NO/NO]; Råd-
mann Friis vei 41, N-3610 Kongsberg (NO).
TORSTEINSEN, Hugo [NO/NO]; Peder
Ristveds vei 12, N-3616 Kongsberg (NO).

(74) ONSAGERS AS; P.O. Box 6963 St. Olavs
plass, N-0130 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B62D 35/00

(11) WO 2004/089729 (13) A1

(21) PCT/GB2004/001616

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 0308589.1 14 Apr/avr 2003 GB
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • A SPOILER

• AILERON

(71) NISSAN TECHNICAL CENTRE EU-
ROPE LTD [GB/GB]; Cranfield Technology
Park, Moulsoe Road, Cranfield, Bedfordshire
MK43 0DB (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TODD, David, Andrew [GB/GB]; Nis-
san Technical Centre Europe Ltd, Cranfield
Technology Park, Moulsoe Road, Cranfield,
Bedfordshire MK43 0DB (GB).

(74) ASHMEAD, Richard, John et al. / etc.; Kil-
burn & Strode, 20 Red Lion Street, London
WC1R 4PJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B62D 61/10, 53/00, B60K 17/36

(11) WO 2004/089730 (13) A1

(21) PCT/ES2004/000159

(22) 7 Apr/avr 2004 (07.04.2004)

(25) es (26) es

(30) P 2003 00830 8 Apr/avr 2003 ES
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • ARTICULATED VEHICLE
• VEHICULE ARTICULE

(71, 72) BENET SOLER, Gabriel [ES/ES];
c/Folgueroles, 4, E-08022 Barcelona (ES).

(72, 75) RIBA ROMEVA, Carles [ES/ES];
C/Rosers, 5 1^a 2^a, E-08970 Sant Joan Despí
(ES). ESQUERRA I LLUCIA, Joan de
la Creu [ES/ES]; Via Augusta 290, 2^a 1a,
E-08017 Barcelona (ES).

(74) TORNER LASALLE, Elisabet; Torner,
Juncosa I Associats, SL, C/Bruc, 21, E-08010
Barcelona (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ B62D 65/00, 25/06, B60R 13/02

(11) WO 2004/089731 (13) A1

(21) PCT/EP2004/001520

(22) 18 Feb/fév 2004 (18.02.2004)

(25) de (26) de

(30) 103 16 115.5 9 Apr/avr 2003 DE
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • METHOD FOR MOUNTING A ROOF
MODULE ON THE BODYWORK OF A
VEHICLE

• PROCEDE POUR MONTER UN MO-
DULE DE TOIT SUR UNE CARROSSE-
RIE DE VEHICULE

(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-
plestrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ZIRBS, Thomas [DE/DE]; Lukas-
Moser-Weg 14, 71263 Weil der Stadt (DE).
ZITTERBART, Thomas [DE/DE]; Fesen-
maierstrasse 17, 89165 Dietenheim (DE).

(74) NÄRGER, Ulrike et al. / etc.; Daimler-
Chrysler AG, Intellectual Property Manage-
ment, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ B62H 1/00

(11) WO 2004/089732 (13) A2

(21) PCT/FR2004/000838

(22) 2 Apr/avr 2004 (02.04.2004)

(25) fr (26) fr

(30) 03/04183 4 Apr/avr 2003 FR
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • DEVICE AND METHOD FOR STA-
BILISATION OF TWO-WHEELED
VEHICLES AND VEHICLE THUS
EQUIPPED

• DISPOSITIF ET PROCEDE DE STABI-
LISATION POUR VEHICULE A DEUX
ROUES, VEHICULE AINSI EQUIPE

(71, 72) FAILLON IMMARIGÉON, Jocelyne
[FR/FR]; 16 Bd Gouvion St Cyr, F-75017
Paris (FR).

(72, 75) MORIN, Jean-Jacques [FR/FR]; 18 rue
du Petit Pont, F-91070 Bondoufle (FR).

(74) FAILLON IMMARIGÉON, Jocelyne; 16
Bd Gouvion St Cyr, F-75017 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ B62K
- (11) WO 2004/089733 (13) A2
- (21) PCT/US2004/010468
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/460,102 2 Apr/avr 2003 US
(02.04.2003)
- (30) Not furnished / 2 Apr/avr 2004 US
non communiqué (02.04.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ERGOONOMIC HANDGRIP WITH
MEDICAL BENEFITS
• POIGNEE ERGONOMIQUE PRESEN-
TANT UN AVANTAGE MEDICAL
- (71) GLOBAL MOTORSPORT GROUP, INC.
[US/US]; 16100 Jacqueline Court, Morgan
Hill, CA 95037 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) MINKOW, Roger [US/US]; 735 H
Street, Petaluma, CA 94952 (US). FAR-
QUHARSON, Andrew [US/US]; 7650
Stockton Ave., El Cerrito, CA 94530
(US). EGGER, Robert [US/US]; 570 Mt.
Madonna Road, Wastsonville, CA 65076
(US).
- (74) CICCARELLI, Max et al. / etc.; Thompson
& Knight LLP, 1700 Pacific Ave., Suite 3300,
Dallas, TX 75201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ B62K 25/28
- (11) WO 2004/089734 (13) A1
- (21) PCT/EP2004/003190
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) de (26) de
- (30) 103 16 012.4 7 Apr/avr 2003 DE
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • BICYCLE WITH A SWING ARM REAR
SUSPENSION
• BICYCLETTE DOTEE D'UNE SUSPEN-
SION DE ROUE ARRIERE
- (71) INA-SCHAEFFLER KG [DE/DE]; Indus-
triestrasse 1-3, 91074 Herzogenaurach (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) SPERBER, Matthias [DE/DE]; Am
Weissen Berg 11, 96193 Wachenroth (DE).
- (74) INA-SCHAEFFLER KG; Industriestrasse
1-3, 91074 Herzogenaurach (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ B62M 11/02, 7/00
- (11) WO 2004/089735 (13) A1
- (21) PCT/CN2004/000095
- (22) 5 Feb/fév 2004 (05.02.2004)
- (25) zh (26) zh
- (30) 03219888.4 13 Feb/fév 2003 CN
(13.02.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A FACILITATED ELECTRICALLY
DRIVEN BICYCLE
• BICYCLETTE ÉLECTRIQUE
- (71, 72) LIAO, Xuejin [CN/CN]; No. 55,
Zhonghuan Road, the 4th Industrial Estate,
Longhua, Baoan District, Shenzhen 518109
(CN). CUI, Xiaohong [CN/CN]; No. 55,
Zhonghuan Road, the 4th Industrial Estate,
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(CN).
- (74) STANDARD PATENT & TRADEMARK
AGENT LTD.; Rm 806-808, Science &
Tech. Bldg., No. 1001 Shangbu Road Central,
Shenzhen, Guang Dong Province 518031
(CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ B62M 25/04, B62K 23/04, B62M 25/08
- (11) WO 2004/089736 (13) A1
- (21) PCT/CA2004/000538
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 10/410,291 10 Apr/avr 2003 US
(10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • GEAR SHIFTING MECANISM
• MECANISME DE CHANGEMENT DE
VITESSES
- (71, 72) MITCHELL, Ross [CA/CA]; 14626 -
87th Avenue, Surrey, British Columbia V3S
6R2 (CA).
- (74) MANNING, Gavin N. et al. / etc.; Oyen
Wiggs Green & Mutala, 480 - The Station,
601 West Cordova, Vancouver, British Co-
lumbia V6B 1G1 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- Published / Publiée : (c)
- (51)⁷ B63B 7/04, 3/08, 35/73
- (11) WO 2004/089737 (13) A1
- (21) PCT/CN2003/000529
- (22) 3 Jul/juil 2003 (03.07.2003)
- (25) zh (26) zh
- (30) 03245108.3 11 Apr/avr 2003 CN
(11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • RAPIDLY KNOCKDOWN YACHT
• YACHT A MONTAGE RAPIDE
- (71, 72) WANG, Guohua [CN/CN]; Urban
Sporting Goods Co. Ltd., Shuang Gang
Furniture Road, Houjie, Dongguan City,
Guangdong 511700 (CN).
- (74) BEIJING ZHONGYUAN HUAHE IN-
TELLECTUAL PROPERTY AGENCY
CO., LTD.; Room 909, Huibin Building,
No.8 Beichendong Street, Chao Yang, Bei-
jing 100101 (CN).
- (81) AE (Utility model / modèle d'utilité) AG AL
(Utility model / modèle d'utilité) AM (Utility
model / modèle d'utilité) AT (Utility model
/ modèle d'utilité) AU AZ (Utility model /
modèle d'utilité) BA BB BG (Utility model /

- modèle d'utilité) BR (Utility model / modèle d'utilité) BY (Utility model / modèle d'utilité) BZ (Utility model / modèle d'utilité) CA CH 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 EC (Utility model / modèle d'utilité) 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 (Utility model / modèle d'utilité) 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 (Utility model / modèle d'utilité) NO NZ OM PG PH (Utility model / modèle d'utilité) PL (Utility model / modèle d'utilité) PT (Utility model / modèle d'utilité) RO RU (Utility model / modèle d'utilité) SC SD SE SG SK (Utility model / modèle d'utilité) SL (Utility model / modèle d'utilité) SY TJ (Utility model / modèle d'utilité) TM (Provisional patent / brevet provisoire) TN TR (Utility model / modèle d'utilité) TT TZ UA (Utility model / modèle d'utilité) UG US UZ (Utility model / modèle d'utilité) VC VN (Patent for utility solution / brevet pour solution d'utilité) YU ZA ZM ZW.
- (84) AP (Utility model / modèle d'utilité) (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (Utility model / modèle d'utilité) (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B63B 29/02**
- (11) **WO 2004/089738** (13) A1
- (21) PCT/FI2004/050021
- (22) **1 Mar/mar 2004 (01.03.2004)**
- (25) en (26) en
- (30) 20030521 **7 Apr/avr 2003** FI
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FLOATING STRUCTURE AND METHOD FOR PRODUCING SAID FLOATING STRUCTURE COMPRISING PREFABRICATED ROOM UNITS AND A METHOD OF FORMING PREFABRICATED ROOM UNITS AND SAID PREFABRICATED ROOM UNITS
- STRUCTURE FLOTTANTE ET PROCEDE DE FABRICATION DE LADITE STRUCTURE FLOTTANTE COMPORTANT DES UNITES D'HABITATION PREFABRIQUEES, PROCEDE DE FORMATION D'UNITES D'HABITATION PREFABRIQUEES ET UNITES D'HABITATION PREFABRIQUEES DE CE TYPE
- (71) **PIIKKIO WORKS OY** [FI/FI]; Kolamäentie 2, FIN-21500 Piikkiö (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ELORANTA, Sauli** [FI/FI]; Paattistentie 368, FIN-21310 Vahto (FI). **WACKER,**
- Jarmo** [FI/FI]; Aisakatu 7 as. 6, FIN-20780 Kaarina (FI).
- (74) **AWEK INDUSTRIAL PATENTS LTD;** P.O. Box 230, FIN-00101 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B63B 35/00**
- (11) **WO 2004/089739** (13) A1
- (21) PCT/NO2004/000104
- (22) **6 Apr/avr 2004 (06.04.2004)**
- (25) en (26) en
- (30) 0308322.7 **10 Apr/avr 2003** GB
(10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SUPPORT VESSEL
- VAISSEAU DE SOUTIEN
- (71) **VIK-SANDVIK AS** [NO/NO]; N-5419 FIT-JAR (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EIKEN, Trygve** [NO/NO]; N-5419 FIT-JAR (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ **B63H 5/02, 5/125**
- (11) **WO 2004/089740** (13) A1
- (21) PCT/FI2004/000225
- (22) **13 Apr/avr 2004 (13.04.2004)**
- (25) en (26) en
- (30) 20030556 **11 Apr/avr 2003** FI
(11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND APPARATUS TO CONTROL A SHIP
- PROCEDE ET DISPOSITIF DE COMMANDE DE NAVIRE
- (71) **ABB OY** [FI/FI]; Strömbergintie 1, FI-00380 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KORHONEN, Vesa** [FI/FI]; Joupintie 2 D 26, FI-02760 Espoo (FI). **PAKASTE, Risto** [FI/FI]; Pikipolku 8 C, FI-00670 Helsinki (FI). **RUOHONEN, Antti** [FI/FI]; Niemenmäentie 6 A 10, FI-00350 Helsinki (FI). **SULLSTRÖM, Petri** [FI/FI]; Överbjyntie 206, FI-02400 Kirkkonummi (FI). **VIROLAINEN, Panu** [FI/FI]; Iirislahdenportti 10 B, FI-02230 Espoo (FI). **ÄMMÄLÄ, Peteri** [FI/FI]; Segelhofstrasse 36e, CH-5405 Baden-Dättwil (CH). **LEHTI, Matti** [FI/FI]; Alajuoksua 5, FI-02920 Espoo (FI).
- (74) **KORPELAINEN, Seppo**; ABB Oy, Legal Affairs/Patents, P.O. Box 210, FI-00381 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **B64C 1/38, F15D 1/02, 1/12**
- (11) **WO 2004/089741** (13) A1
- (21) PCT/FI2004/000211
- (22) **7 Apr/avr 2004 (07.04.2004)**
- (25) fi (26) en
- (30) 20030538 **10 Apr/avr 2003** FI
(10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR REDUCING KINETIC FRICTION
- PROCEDE DE REDUCTION DU FROTTEMENT DYNAMIQUE
- (71, 72) **PULKKA, Esko** [FI/FI]; Pahasaarentie 156 G, FI-45910 Voikkaa (FI).

- (74) HEINÄNEN OY; Annankatu 31-33 C, FI-00100 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ B64C 25/16, 7/00
- (11) WO 2004/089742 (13) A1
- (21) PCT/GB2004/001525
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 0308003.3 7 Apr/avr 2003 GB (07.04.2003)
- (30) 03252216.1 8 Apr/avr 2003 EP (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • LANDING GEAR
• TRAIN D'ATTERRISSAGE
- (71) AIRBUS UK LIMITED [GB/GB]; New Filton House, Filton, Bristol BS99 7AR (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WOOD, Christopher, Neil [GB/GB]; Roseleigh, Macclesfield Road, Eaton, Congleton, Cheshire CW12 2NP (GB).
- (74) PEARSON, James, Ginn et al. / etc.; Abel & Imray, 20 Red Lion Street, London WC1R 4PQ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B64C 25/36
- (11) WO 2004/089744 (13) A1
- (21) PCT/GB2004/001538
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 0308004.1 7 Apr/avr 2003 GB (07.04.2003)
- (30) 03252215.3 8 Apr/avr 2003 EP (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • LANDING GEAR ASSEMBLY
• ENSEMBLE DE TRAIN D'ATTERRISSAGE
- (71) AIRBUS UK LIMITED [GB/GB]; New Filton House, Filton, Bristol BS99 7AR (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHOW, Leung, Choi [GB/GB]; 113 Pursey Drive, Bradley Stoke, Bristol BS32 8DN (GB). WOOD, Christopher, Neil [GB/GB]; Roseleigh, Macclesfield Road, Eaton, Congleton, Cheshire CW12 2NP (GB).
- (74) PEARSON, James, Ginn et al. / etc.; Abel & Imray, 20 Red Lion Street, London WC1R 4PQ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ B64C 25/16, 7/00
- (11) WO 2004/089743 (13) A1
- (21) PCT/GB2004/001534
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 0308002.5 7 Apr/avr 2003 GB (07.04.2003)
- (30) 03252217.9 8 Apr/avr 2003 EP (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • LANDING GEAR DOOR ASSEMBLY
• ENSEMBLE TRAPPE DE TRAIN D'ATTERRISSAGE
- (71) AIRBUS UK LIMITED [GB/GB]; New Filton House, Filton, Bristol BS99 7AR (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHOW, Leung, Choi [GB/GB]; 113 Pursey Drive, Bradley Stoke, Bristol BS32 8DN (GB). RONDEAU, David, Leonard [GB/GB]; 5 Medway COURT, Thornbury, Bristol, South Gloucestershire BS35 2HL (GB). WOOD, Christopher, Neil [GB/GB]; Roseleigh, Macclesfield Road, Eaton, Congleton, Cheshire CW12 2NP (GB).
- (74) PEARSON, James, Ginn et al. / etc.; Abel & Imray, 20 Red Lion Street, London WC1R 4PQ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B64C 27/33
- (11) WO 2004/089745 (13) A1
- (21) PCT/EP2004/003640
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) de (26) de
- (30) 103 16 092.2 8 Apr/avr 2003 DE (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • HINGED ROTOR PROVIDED WITH PLATE-SHAPED ROTOR HEAD ELEMENT AND A ROTORCRAFT PROVIDED WITH SAID ROTOR
• ROTOR FIXE A ELEMENT DE TETE DE ROTOR PLAT ET GIRAVION EQUIPE D'UN ROTOR DE CE TYPE
- (71) EUROCOPTER DEUTSCHLAND GMBH [DE/DE]; Industriestrasse 4, 86609 Donauwörth (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BECKER, Gerold [DE/DE]; Aufkirchner Strasse 10A, 82216 Maisach (DE). PFALLER, Rupert [DE/DE]; Waldparkstrasse 39c, 85521 Riemerling (DE).
- (74) DUSCHEK, Horst; EADS Deutschland GmbH, Patentabteilung, 81663 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (b)
-
- (51)⁷ B64C 27/33, 27/48, 27/28
- (11) WO 2004/089746 (13) A1
- (21) PCT/EP2004/003641
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) de (26) de
- (30) 103 16 094.9 8 Apr/avr 2003 DE (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • NON-ARTICULATED ROTOR AND ROTORCRAFT COMPRISING A ROTOR OF THIS TYPE

- ROTOR NON ARTICULE ET GIRAVION POURVU D'UN ROTOR DE CE TYPE

(71) **EUROCOPTER DEUTSCHLAND GMBH** [DE/DE]; Industriestrasse 4, 86609 Donauwörth (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BECKER, Gerold** [DE/DE]; Aufkirchner Strasse 10A, 82216 Maisach (DE). **PFALLER, Rupert** [DE/DE]; Waldparkstrasse 39c, 85521 Riemerling (DE).

(74) **DUSCHEK, Horst**; EADS Deutschland GmbH, Patentabteilung, 81663 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B64C 27/33, 27/48, 27/54**

(11) **WO 2004/089747** (13) A1

(21) PCT/EP2004/003642

(22) **6 Apr/avr 2004 (06.04.2004)**

(25) de (26) de

(30) 103 16 093.0 **8 Apr/avr 2003** DE
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ROTOR, ROTORCRAFT COMPRISING A ROTOR OF THIS TYPE AND METHOD FOR ADJUSTING THE BLADE ANGLE OF A ROTOR

- ROTOR, GIRAVION POURVU D'UN TEL ROTOR ET PROCEDE D'AJUSTEMENT DE L'ANGLE DE PALE D'UN ROTOR

(71) **EUROCOPTER DEUTSCHLAND GMBH** [DE/DE]; Industriestr. 4, 86609 Donauwörth (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BECKER, Gerold** [DE/DE]; Aufkirchner Str. 10A, 82216 Maisach (DE). **PFALLER, Rupert** [DE/DE]; Waldparkstrasse 39c, 85521 Riemerling (DE).

(74) **DUSCHEK, Horst**; EADS Deutschland GmbH, Patentabteilung, 81663 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)⁷ **B64C 27/33**

(11) **WO 2004/089748** (13) A1

(21) PCT/EP2004/003643

(22) **6 Apr/avr 2004 (06.04.2004)**

(25) de (26) de

(30) 103 16 095.7 **8 Apr/avr 2003** DE
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ROTOR AND GYROCOPTER WITH SAID ROTOR

- ROTOR ET GIRAVION EQUIPE D'UN ROTOR DE CE TYPE

(71) **EUROCOPTER DEUTSCHLAND GMBH** [DE/DE]; Industriestrasse 4, 86609 Donauwörth (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BECKER, Gerold** [DE/DE]; Aufkirchner Strasse 10A, 82216 Maisach (DE). **PFALLER, Rupert** [DE/DE]; Waldparkstrasse 39c, 85521 Riemerling (DE).

(74) **DUSCHEK, Horst**; EADS Deutschland GmbH, Patentabteilung, 81663 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)⁷ **B64F 1/00**

(11) **WO 2004/089749** (13) A1

(21) PCT/GB2004/001524

(22) **8 Apr/avr 2004 (08.04.2004)**

(25) en (26) en

(30) 0308184.1 **9 Apr/avr 2003** GB
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DOCKING GUIDANCE

- GUIDAGE POUR STATIONNEMENT

(71) **AIRFIELD SIGNS AND MARKINGS LIMITED** [GB/GB]; Unit 1, Rose Business Estate, Marlow Bottom Road, Marlow, Buckinghamshire SL7 3ND (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARVISON, Eric, Joseph** [GB/GB]; Hillside, Off Henley Road, Marlow, Buckinghamshire SL7 2DF (GB). **SAMES,**

David, William [GB/GB]; Lanford Cottage, Wheeler End, High Wycombe, Buckinghamshire HP14 3NG (GB).

(74) **COLES, Graham, Frederick**; Graham Coles & Co, 24 Seeleys Road, Beaconsfield, Buckinghamshire HP9 1SZ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65B**

(11) **WO 2004/089750** (13) A2

(21) PCT/US2004/010293

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 10/405,468 **3 Apr/avr 2003** US
(03.04.2003)

(30) 10/798,357 **12 Mar/mar 2004** US
(12.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • GIFT BAG WITH NAPPED FILAMENTARY SURFACE

- SAC CADEAU DOTE D'UNE SURFACE FILAMENTEUSE GRATTEE

(71) **KOOL WRAPS, L.L.C.** [US/US]; 3 Glenmore Drive, Newton, CN 06470 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLARK, Elyse** [US/US]; 3 Glenmore Drive, Newton, CN 06470 (US).

(74) **THRONSON, Mark, J.**; Dickstein, Shapiro, Morin & Oshinsky, LLP, 2101 L Street, NW, Washington, DC 20037-1526 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65B 7/28, 61/22**

(11) **WO 2004/089751** (13) A1

(21) PCT/BE2004/000051

(22) **8 Apr/avr 2004 (08.04.2004)**

(25) en (26) en

(30) 2003/0232 10 Apr/avr 2003 BE
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE FOR APPLYING A LAYER ON A VISCOUS FOOD PRODUCT IN A TUB OR THE LIKE

• DISPOSITIF POUR L'APPLICATION D'UNE COUCHE SUR UN PRODUIT ALIMENTAIRE VISQUEUX DANS UN RECIPIENT OU ANALOGUE

(71, 72) DE SPIEGELEIRE, Dirk, André, Marie [BE/BE]; Hasseltsebaan 27, B-3940 Hechtel-Eksel (BE).

(74) DONNÉ, E.; Bureau M.F.J. Bockstael n.v., Arenbergstraat 13, B-2000 Antwerpen (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B65B 9/04, 25/06, 31/02

(11) WO 2004/089752 (13) A1

(21) PCT/GB2004/001576

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 0307898.7 7 Apr/avr 2003 GB
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR PACKAGING CHEESE AND OTHER FOOD PRODUCTS

• PROCEDE D'EMBALLAGE DU FROMAGE ET D'AUTRES PRODUITS ALIMENTAIRES

(71) ILCHESTER CHEESE CO LTD [GB/GB]; Somerton Road, Ilchester, Somerset, BA22 8JL (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHILDS, Gary, C. [GB/GB]; Ilchester Cheese Co Ltd, Somerton Road, Ilchester, Somerset, BA22 8JL (GB). DAVIDGE, D., J. [GB/GB]; Ilchester Cheese Co Ltd, Somerton Road, Ilchester, Somerset, BA22 8JL (GB). RETTER, Linda, R. [GB/GB]; Ilchester Cheese Co Ltd, Somerton Road, Ilchester, Somerset, BA22 8JL (GB).

(74) 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B65B 9/08

(11) WO 2004/089753 (13) A1

(21) PCT/US2004/010193

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/406,991 3 Apr/avr 2003 US
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • WASTE DISPOSAL APPARATUS

• APPAREIL POUR EVACUER LES DECHETS

(71) PLAYTEX PRODUCTS INC. [US/US]; 300 Nyala Farms Road, Westport, CT 06880 (US).

(only for / seulement pour US)

(71, 72) RICHARD, Chomik [US/US]; 10049 Marsh Pine Circle, Orlando, FL 32832 (US).

(72, 75) STEWART, Schmehl [US/US]; 2211 Crossing Way, Wayne, NJ 07470 (US).

(74) STEVEN, J. Moore; Pillsbury Winthrop LLP, 1600 Tysons Boulevard, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B65B 19/34, 35/38, 35/50, 43/42

(11) WO 2004/089754 (13) A1

(21) PCT/EP2004/003649

(22) 6 Apr/avr 2004 (06.04.2004)

(25) de (26) de

(30) 103 16 853.2 11 Apr/avr 2003 DE
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR AUTOMATIC PACKING OF CONTAINERS

• PROCEDE POUR L'EMBALLAGE AUTOMATIQUE DE CONTENANTS

(71) AISA AUTOMATION INDUSTRIELLE SA [CH/CH]; Route de Savoie 61, CH-1896 Vouvry (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VOIGTMANN, Jean-Pierre [CH/CH]; Rue de la Poste 16, CH-1920 Martigny (CH).

(74) ZELLENTIN, Rüdiger; Patentanwälte Zellentint & Partner GbR, Zweibrückenstr. 15, 80331 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B65B 27/10, 51/06

(11) WO 2004/089755 (13) A2

(21) PCT/EP2004/003800

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 103 15 909.6 8 Apr/avr 2003 DE
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE AND METHOD FOR AUTOMATICALLY BUNDLING, WRAPPING AND MARKING ARTICLES

• DISPOSITIF ET PROCEDE POUR LIER, ENVELOPPER OU MARQUER AUTOMATIQUEMENT DES OBJETS

(71) WELLA AKTIENGESELLSCHAFT [DE/DE]; Berliner Allee 65, 64274 Darmstadt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BILLING, Heinrich [DE/DE]; Am Mühlweg 13, 36166 Haunetal/Wehrda (DE). REISINGER, Markus [DE/DE]; Hauptstrasse 16, 36132 Eiterfeld (DE).

(74) WELLA AKTIENGESELLSCHAFT; Berliner Allee 65, 64274 Darmstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ B65B 35/06, 5/10
 (11) WO 2004/089756 (13) A1
 (21) PCT/CH2004/000185
 (22) 26 Mar/mar 2004 (26.03.2004)
 (25) de (26) de
 (30) 631/03 8 Apr/avr 2003 CH
 (08.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • DEVICE FOR INTRODUCING PHARMACEUTICAL PRODUCTS INTO BLISTER PACKS
 • DISPOSITIF POUR INTRODUIRE DES PRODUITS PHARMACEUTIQUES DANS DES EMBALLAGES TRANSPARENTS
- (71) HMH MASCHINENHANDEL [CH/CH]; hmh Maschinenhandel, Bösch 23, CH-6331 Hünenberg (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIDDINK, Daniel [CH/CH]; Artherstrasse 30, CH-6300 Zug (CH). GABRIEL, Andreas [CH/CH]; Muserhof, CH-6319 Allenwinden (CH). BARMETTLER, Urs [CH/CH]; Gersauerstrasse 44, CH-6440 Brunnen (CH).
- (74) ULRICH, Gerhard H.; Brunnenweid 55, CH-5643 Sins (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B65B 35/12, 1/30
 (11) WO 2004/089757 (13) A1
 (21) PCT/JP2004/004172
 (22) 25 Mar/mar 2004 (25.03.2004)
 (25) ja (26) ja
 (30) 2003-099421 2 Apr/avr 2003 JP
 (02.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • TABLET PACKAGING DEVICE
 • DISPOSITIF D'ENCAPSULATION DE COMPRIMES
- (71) YUYAMA MFG. CO., LTD. [JP/JP]; 3-1, Meishinguchi 3-chome, Toyonaka-shi, Osaka 5610841 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YUYAMA, Shoji [JP/JP]; c/o YUYAMA MFG. CO., LTD., 3-1, Meishinguchi 3-chome, Toyonaka-shi, Osaka 5610841 (JP). YASUNAGA, Itsuo [JP/JP]; c/o YUYAMA MFG. CO., LTD., 3-1, Meishinguchi 3-chome, Toyonaka-shi, Osaka 5610841 (JP).
-
- (51)⁷ B65D
 (11) WO 2004/089759 (13) A2
 (21) PCT/US2004/010037
 (22) 1 Apr/avr 2004 (01.04.2004)
 (25) en (26) en
 (30) 60/459,847 2 Apr/avr 2003 US
 (02.04.2003)
 (30) Not furnished / 30 Mar/mar 2004 US
 non communiqué (30.03.2004)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • TWO PART DOCKING AND FILLING STATION FOR PRESSURIZED CONTAINERS
 • STATION DE RECEPTION ET DE REMPLISSAGE EN DEUX PARTIES DESTINEE A DES RECIPIENTS SOUS PRESION
- (71) LIFE GAS, LLC [US/US]; 1500-C Indian Trail, Norcross, GA 30093 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CUFFARI, Frederick, Jr. [US/US]; 14735 Rindewood Lane, Russell, OH 44072 (US). VERMILLION, Deborah, A. [US/US]; 17237 Woodstock Road, Strongsville, OH 44149 (US). JONSSON, Ingrid, S. [SE/SE]; Banvagen 21A, S-18165 Lidingo (SE). HVALGREN, Mats, Dhanvin, Zoroaster [SE/SE]; Ollonstigen 7, S-18164 Lidingo (SE). DESSOLE, Bernard [FR/FR]; 10, Rue de Savoie, F-78840 Freneuse (FR). ESLAVA, Mauricio, C. [CO/CO]; Carrera 68, #11-51, Bogota (CO). WINEGAR, Jeffrey, Rex [US/US]; 14901 Hickory View Ln., Charlotte, NC 28278 (US). PATTERSON, Christopher, G. [US/US]; 230 Bluff Oak Drive, Roswell, GA 30076 (US). STAUDER, Robert, W. [US/US]; 19300 Bears Paw Lane, Strongsville, OH 44136 (US).
- (74) KACHMARIK, Ronald, M. et al. / etc.; Pearne & Gordon LLP, 1801 East 9th Street, Ste. 1200, Cleveland, OH 44114-3108 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B65D
 (11) WO 2004/089760 (13) A2
 (21) PCT/US2004/010142
 (22) 1 Apr/avr 2004 (01.04.2004)
 (25) en (26) en
 (30) 60/459,335 1 Apr/avr 2003 US
 (01.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)

- (54) • PLASTIC EMBOSSED CARRIER TAPE APPARATUS AND PROCESS
- APPAREIL ET PROCÉDE POUR BANDE SUPPORT ESTAMPEE EN PLASTIQUE
- (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) GREGERSON, Barry, L. [US/US]; 19550 Excelsior Boulevard, Deephaven, MN 55331 (US). SPITZER, James, E. [US/US]; 239 Tristan Drive, Excelsior, MN 55331 (US).
- (74) CHRISTENSEN, Douglas, J. et al. / etc.; Patterson, Thunte, Skaar & Christensen, P.A., 4800 IDS Center, 80 South Eight Street, Minneapolis, MN 55402-2100 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B65D
- (11) WO 2004/089761 (13) A2
- (21) PCT/US2004/010587
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 60/460,239 3 Apr/avr 2003 US (03.04.2003)
- (30) 60/511,749 16 Oct/oct 2003 US (16.10.2003)
- (30) 10/810,365 26 Mar/mar 2004 US (26.03.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • REMOVABLE/REUSABLE CLOSURE FOR CONTAINERS
- DISPOSITIF DE FERMETURE AMOVIBLE/REUTILISABLE POUR RECIPIENTS
- (71) STULL TECHNOLOGIES, INC. [US/US]; 17 Veronica Avenue, Somerset, NJ 08873 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STULL, Jameson, P. [—/US]; 1 Winston Farm Lane, Far Hills, NJ 07931 (US). AUER, Robert, T. [—/US]; 546, Penn Estates, East Stroudsburg, PA 18301 (US).
- (74) CANNUSCIO, Robert, E.; Drinker Biddle & Reath LLP, One Logan Square, 18th and Cherry Streets, Philadelphia, PA 19103-6996 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B65D 5/32
- (11) WO 2004/089762 (13) A1
- (21) PCT/NZ2004/000056
- (22) 22 Mar/mar 2004 (22.03.2004)
- (25) en (26) en
- (30) 525349 14 Apr/avr 2003 NZ (14.04.2003)
- (30) 530470 23 Dec/déc 2003 NZ (23.12.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • LIDDED PACK
- EMBALLAGE AVEC COUVERCLE
- (71) CARTER HOLT HARVEY LIMITED [NZ/NZ]; 640 Great South Road, Manukau City, Auckland (NZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PORTER, Grant, Richard [NZ/NZ]; 23 Cumberland Rise, Taradale, Napier (NZ).
- (74) ADAMS, Matthew, D et al. / etc.; A J Park, 6th Floor Huddart Parker Building, PO Box 949, Wellington 6015 (NZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 5/36, 5/00, 5/66, A01K 1/01
- (11) WO 2004/089763 (13) A1
- (21) PCT/CA2004/000534
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 60/462,330 14 Apr/avr 2003 US (14.04.2003)
- (30) 10/774,474 10 Feb/fév 2004 US (10.02.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FOLDABLE CONTAINER
- CONTENANT PLIABLE
- (71, 72) MESLY, Olivier, D., A. [CA/CA]; 3945 Renfrew Cr., Mississauga, Ontario L5L 4J6 (CA).
- (74) BERESKIN & PARR; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 5/36
- (11) WO 2004/089764 (13) A1
- (21) PCT/GR2003/000038
- (22) 9 Sep/sep 2003 (09.09.2003)
- (25) en (26) en
- (30) 20030100169 8 Apr/avr 2003 GR (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • " PAPER PACKAGING BOX "
- BOITE D'EMBALLAGE EN PAPIER
- (71, 72) PANAGIOTIS, Spyrikis [GR/GR]; 26 Nicomidias Str., GR-10442-Kolokyntou, Athens (GR).
- (74) GIANNOUTSOS, Panos; Attorney at Law, 27 Skoufa Str., GR-10673 Athens (GR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B65D 5/468, 77/06
- (11) WO 2004/089765 (13) A1
- (21) PCT/AU2004/000448
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 2003901619 7 Apr/avr 2003 AU (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • TALL AND NARROW BEVERAGE CARTON WITH HANDHOLE IN SIDE
- CARTON DE BOISSONS HAUT ET ETROIT A ENCOCHE DE PREHENSION
- (71, 72) BARLETTA, Giulio [AU/AU]; 103 Second Avenue, Joslin, S.A. 5070 (AU). BALLESTRIN, Roger [AU/AU]; 103 Second Avenue, Joslin, S.A. 5070 (AU).
- (74) COLLISON & CO; 117 King William Street, Adelaide, S.A. 5000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 5/72

(11) WO 2004/089766 (13) A1

(21) PCT/EP2004/003241

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) BO2003A000207 8 Apr/avr 2003 IT (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONTAINER WITH OPENING TAB

• CONTENANT AVEC LANGUETTE D'OUVERTURE

(71) TECNOFUSTELLE S.A.S [IT/IT]; Di Capponi Massimo, Capponi Stefano & C., Via Speranza, 25, I-40068 San Lazzaro Di Savena (IT); MINELLI, Alessandra [IT/IT]; Via Gaspari, 6, I-40033 Casalecchio Di Reno (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CAPPONI, Massimo [IT/IT]; Via XXV Aprile, 31, I-40055 Castenaso (IT).

(74) MODIANO, Guido; Modiano & Associati, Via Meravigli, 16, I-20123 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 17/00

(11) WO 2004/089767 (13) A1

(21) PCT/KR2004/000771

(22) 2 Apr/avr 2004 (02.04.2004)

(25) ko (26) en

(30) 10-2003-0021744 7 Apr/avr 2003 KR (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CAN LID WITH GAS DISCHARGE HOLE

• COUVERCLE DE BOITE A ORIFICE DE DECHARGE DE GAZ

(71, 72) KIM, Hyeon-kyu [KR/KR]; 622 Jangjae-dong, Jinju-si, Gyeongsangnam-do

660-380 (KR). PARK, Sang-hwa [KR/KR]; 208-504 Sangbong Jugong Apt. 1446, Sangbong-dong, Jinju-si, Gyeongsangnam-do 660-050 (KR). WOO, Ho-in [KR/KR]; 103-704 Deulmal Hanbo Apt. 192-1 Pyeonggeo-dong, Jinju-si, Gyeongsangnam-do 660-775 (KR). YANG, Tae-il [KR/KR]; 116-504 Hyangchon Apt. 970 Dunsan2-dong, Seo-gu, Daejeon 302-776 (KR).

(74) LEE, Myoung-taek et al. / etc.; C & L Patent Law Office, 4th Fl., Junyoung Bldg., 1603-7 Seocho 1-dong Seocho-gu, Seoul 137-877 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B65D 17/34

(11) WO 2004/089768 (13) A1

(21) PCT/ES2004/000097

(22) 1 Mar/mar 2004 (01.03.2004)

(25) es (26) es

(30) P2003 00829 8 Apr/avr 2003 ES (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • STRIP FOR OPENING AND CLOSING TINS AND OTHER CONTAINERS

• PATTE A LEVER PERMETTANT L'OUVERTURE ET LA FERMETURE DE CONSERVES ET D'AUTRES RECIPIENTS

(71, 72) PASTOR SERRA, Eva [ES/ES]; C./Gabriel Miró, 41, E-03750 Pedreguer (Alicante) (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 17/50, 77/20

(11) WO 2004/089769 (13) A1

(21) PCT/ES2004/000155

(22) 6 Apr/avr 2004 (06.04.2004)

(25) es

(26) es

(30) P200300827 8 Apr/avr 2003 ES (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CLOSURE FOR TINS

• FERMETURE POUR CONSERVES

(71) INDUSTRIAS ALIMENTARIAS DE NAVARRA, S.A. [ES/ES]; Pol. Peñalfons, s/n Apartado 3, Villafranca, E-31330 Navarra (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARAMENDÍA ZUAZU, Joaquín [ES/ES]; Pol. Peñalfons, s/n Apartado 3, Villafranca, E-31330 Navarra (ES). GÓMEZ CALVO, José [ES/ES]; Pol. Peñalfons, s/n Apartado 3, Villafranca, E-31330 Navarra (ES).

(74) CARPINTERO LOPEZ, Francisco; Herero & Asociados, S.L., Alcalá, 35, E-28014 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 19/44

(11) WO 2004/089770 (13) A1

(21) PCT/EP2004/050303

(22) 12 Mar/mar 2004 (12.03.2004)

(25) de (26) de

(30) 203 05 956.5 11 Apr/avr 2003 DE (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FLEXIBLE COMPARTMENT SYSTEM

• SYSTEME A COMPARTIMENTS FLEXIBLES

(71) CONTEYOR MULTIBAG SYSTEMS N.V. [BE/BE]; Burgemeester Maenhoutstraat 44, B-9820 MERELBEKE (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEYTENS, Inge [BE/BE]; Hundelgemsesteenweg 723, B-9820 MERELBEKE (BE).

(74) WEBER, Dieter et al. / etc.; Weber, Seifert, Liece, Postfach 61 45, 65051 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 23/00, 25/08, 81/32

(11) WO 2004/089771 (13) A1

(21) PCT/AU2004/000488

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 2003203687 14 Apr/avr 2003 AU (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONTAINER CLOSURE WITH RESERVOIR FOR HOLDING A SECOND MATERIAL

• FERMETURE DE RECIPIENT A RESERVOIR CONTENANT UNE SECONDE MATIERE

(71) DARRELL JAMES, O'CONNOR [AU/AU]; Unit 7/2-4 Deauville Close, YORKEYS KNOB, Queensland 4878 (AU). PETER SYLVESTER, O'CONNOR [AU/AU]; 70 Summerhill Drive, MOOROOBOOL, CAIRNS, Queensland 4870 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) GLEN RODERICK, JACOBS [AU/AU]; 17 MacAlister Place, SMITHFIELD, Queensland 4878 (AU). MATTHEW JAMES, O'CONNOR [AU/AU]; Unit 7/2-4 Deauville Close, YORKEYS KNOB, Queensland 4878 (AU).

(74) CULLEN & CO.; Level 26, 239 George Street, Brisbane, Queensland 4000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 33/10, 33/25

(11) WO 2004/089772 (13) A1

(21) PCT/EP2004/002866

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) 203 05 971.9 12 Apr/avr 2003 DE (12.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • RECLOSABLE CARRIER BAG

• CABAS POUVANT ETRE FERME

(71) LEMO MASCHINENBAU GMBH [DE/DE]; Rheidter Strasse 52, 53859 Niederkassel-Mondorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHNEIDER, Jakob [DE/DE]; Meisenstrasse 8, 53859 Niederkassel (DE). ODENTHAL, Hartmut [DE/DE]; Weiden-gasse 4, 53844 Troisdorf (DE).

(74) THUL, Hermann; Rheinmetall Aktiengesellschaft, Zentrale Patentabteilung, Rheinmetall Allee 1, 40476 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 41/34

(11) WO 2004/089773 (13) A1

(21) PCT/BE2004/000052

(22) 8 Apr/avr 2004 (08.04.2004)

(25) fr (26) fr

(30) 2003/0233 10 Apr/avr 2003 BE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE FOR SEALING A RECIPIENT AND RECIPIENT COMPRISING ONE SUCH DEVICE

• DISPOSITIF DE BOUCHAGE D'UN RECIPIENT ET RECIPIENT MUNI D'UN TEL DISPOSITIF

(71) BELGIAN DIAGNOSTIC COMPANY S.A. [BE/BE]; Rue André Feher 1, B-6900 Marche-en-Famenne (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN CAMP, Jean-Pierre [BE/BE]; Avenue de l'Alleu 24, B-1420 Braine-l'Alleud (BE).

(74) CAUCHIE, Daniel; Office Parette (Fred Maes), Avenue Gabrielle Petit 2, B-7940 Brugelette (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ B65D 43/03

(11) WO 2004/089774 (13) A1

(21) PCT/KR2004/000798

(22) 7 Apr/avr 2004 (07.04.2004)

(25) ko (26) en

(30) 20-2003-0010907 9 Apr/avr 2003 KR (09.04.2003)

(30) 20-2003-0039227 16 Dec/déc 2003 KR (16.12.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MULTI-LAYERED CONTAINER WITH INTERMEDIATE LID

• RECIPIENT A PLUSIEURS ETAGES, EQUIPE DE COUVERCLES INTERMEDIAIRES

(71) KOREA ALPINE CO. LTD. [KR/KR]; 435-5 Dunchon-dong, Kangdong-Ku., Seoul 134-060 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WANG, Soo Chang [KR/KR]; Samick Apartment 503-1003, 15 Myungil-1dong, Kangdong-ku, Seoul 134-824 (KR).

(74) LEE, Ki-Sung; 3th Floor Dongbo Building, 647-8, Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B65D 47/32, 47/10, 17/28

(11) WO 2004/089775 (13) A1

(21) PCT/NO2004/000064

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 20031608 9 Apr/avr 2003 NO (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DRINKING SPOUT FOR BEVERAGE CAN

- BEC VERSEUR POUR BOITE A BOIS-
SON
- (71, 72) GILLEBO, Erik [—/NO]; N-2658 Es-
pedal (NO). BLEKASTAD, Odd, Hermann
[—/NO]; N-2643 Skåbu (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B65D 49/04, 47/24

(11) WO 2004/089776 (13) A1

(21) PCT/RU2003/000143

(22) 8 Apr/avr 2003 (08.04.2003)

(25) en (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CLOSURE

• FERMETURE

(71, 72) PLOKHUTA, Oleg Ivanovich
[RU/RU]; ul. Lodochnaya, 33-2-146,
Moscow, 123364 (RU).

(74) YAKOVLEV, Vsevolod Georgievich; OOO
TD "ALTERNATIVA - ANA", Selivestrov
per., 2, Moscow, 107045 (RU).

(81) AL AM AT AZ BA BG BY CN CZ DE DK
EE ES FI GB GE HR HU IL IS JP KG KP KR
KZ LC LV MD MK NO PL PT RO SE SK TJ
TM TR UA UZ YU.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ B65D 51/00

(11) WO 2004/089777 (13) A2

(21) PCT/FR2004/000827

(22) 1 Apr/avr 2004 (01.04.2004)

(25) fr (26) fr

(30) 03/04110 2 Apr/avr 2003 FR
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CAPSULE WITH A PIERCABLE CAP,
STOPPER PROVIDED WITH SAID
CAPSULE CONTAINING A SUB-
STANCE WHICH CAN BE ADDED TO
THE CONTENTS OF A THUS CLOSED
CONTAINER AND CONTAINER

• CAPSULE A OPERCULE PERCABLE,
BOUCHON MUNI D'UNE TELLE
CAPSULE CONTENANT UNE SUB-
STANCE DESTINEE A ETRE AJOUTEE
AU CONTENU DU RECIPIENT AINSI
BOUCHE ET RECIPIENT

(71) NESTLE WATERS MANAGEMENT
& TECHNOLOGY (Société Anonyme)
[FR/FR]; 20, rue Rouget de Lisle, F-92130
Issy-Les-Moulineaux (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CERVENY, Jean-Paul [FR/FR]; 363,
allée du Luxembourg, F-88800 Vittel (FR).

(74) CABINET NUSS; 10, rue Jacques Kablé,
F-67080 Strasbourg Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B65D 51/24

(11) WO 2004/089778 (13) A1

(21) PCT/HR2004/000008

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) P20030285A 14 Apr/avr 2003 HR
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HOLDER FOR CONTAINERS CON-
TAINING VISCOUS PRODUCTS

• SUPPORT CONÇU POUR DES CONTE-
NANTS RENFERMANT DES SUB-
STANCES VISQUEUSES

(71, 72) OMRCEN, Zdravko [HR/HR]; Put
guscera 7, 21000 Split (HR).

(74) DIATUS; Poljicka cesta 31, 21000 Split
(HR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B65D 77/20, 1/22, 53/04

(11) WO 2004/089779 (13) A1

(21) PCT/JP2004/005035

(22) 7 Apr/avr 2004 (07.04.2004)

(25) ja (26) ja

(30) 2003-104153 8 Apr/avr 2003 JP
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONTAINER, PACKAGING BODY,
AND METHOD OF MANUFACTUR-
ING CONTAINER

• CONTENANT, CORPS DE CONDI-
TIONNEMENT, ET METHODE DE
FABRICATION DE CE CONTENANT

(71) IDEMITSU UNITECH CO. LTD. [JP/JP];
2-1, Koishikawa 1-chome, Bunkyo-ku,
Tokyo, 1120002 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TAKAHASHI, Hiroyuki [JP/JP]; 1660,
Kamiizumi, Sodegaura-shi, Chiba, 2990205
(JP).

(74) KINOSHITA, Jitsuzo et al. / etc.; 3rd.
floor, Ogikubo TM building, 26-13, Ogikubo
5-chome, Suginami-ku, Tokyo, 1670051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B65D 81/20

(11) WO 2004/089780 (13) A1

(21) PCT/KR2003/001696

(22) 22 Aug/août 2003 (22.08.2003)

(25) ko (26) en

(30) 20-2003-0011106 11 Apr/avr 2003 KR
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • STICK FOR VACUUM PACKAGING

• BAGUETTE POUR EMBALLAGE
SOUS VIDE

(71, 72) AHN, Joon-Yeong [KR/KR]; 401, Joon-
gang-Yeonrip, 709-1, Wa-dong, Danwon-ky,
Ansan-city, Kyunggi-do 425-841 (KR).

(74) DARAE PATENT FIRM; 10th Floor, KIPS,
647-9, Yeoksam-dong, Kangnam-ku, Seoul
135-980 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN TD
TG).

- (51)⁷ B65D 81/32
 (11) WO 2004/089781 (13) A1
 (21) PCT/CA2004/000548
 (22) 8 Apr/avr 2004 (08.04.2004)
 (25) fr (26) fr
 (30) 2,424,536 10 Apr/avr 2003 CA
 (10.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • DEVICE FOR A CONTAINER
 • DISPOSITIF POUR UN RECIPIENT
 (71, 72) JUNEAU, Claude [CA/CA]; 935 boulevard des Erables, Valcourt, Québec J0E 2L0 (CA).
 (74) ROBIC; Leger Robic Richard, CDP Capital Center, 1001, Victoria Square, Bloc E - 8th Floor, Montreal, Quebec H2Z 2B7 (CA).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B65D 83/14
 (11) WO 2004/089782 (13) A2
 (21) PCT/US2004/009874
 (22) 30 Mar/mar 2004 (30.03.2004)
 (25) en (26) en
 (30) 60/458,418 31 Mar/mar 2003 US
 (31.03.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • COLLAR FOR INHIBITING THE COUPLED USE OF A CONTAINER AND A DISPENSER
 • BAGUE DESTINEE A EMPECHER L'UTILISATION COMBINEE D'UN CONTENANT ET D'UN DISTRIBUTEUR
 (71) S. C. JOHNSON & SON, INC. [US/US]; 1525 Howe Street, Racine, WI 53403 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) FURNER, Paul, E. [US/US]; 3400 Orion Court, Racine, WI 53406 (US). NELSON, Cory, J. [US/US]; 416 Shelley Drive, Racine, WI 53405 (US).
 (74) MILLER, Robert, A.; S. C. Johnson & Son, Inc., 1525 Howe Street, Racine, WI 53403 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
-
- (51)⁷ B65D 83/38, 57/00, H01L 21/68
 (11) WO 2004/089784 (13) A1
 (21) PCT/JP2004/005084
 (22) 8 Apr/avr 2004 (08.04.2004)
 (25) ja (26) ja
 (30) 2003-105958 10 Apr/avr 2003 JP
 (10.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • WAFER PROTECTIVE SHEET
 • FEUILLE PROTECTRICE DE PLAQUETTE
 (71) ACHILLES CORPORATION [JP/JP]; 22-5, Daikyo-cho, Shinjuku-ku, Tokyo 160-8885 (JP).
(for all designated States except / pour tous les États désignés sauf US)
-
- (72, 75) FUYUMURO, Masahiko [JP/JP]; 560-1, Imafuku-cho, Ashikaga-shi, Tochigi 326-0842 (JP). NAKAYAMA, Yoshitaka [JP/JP]; 3365, Minamiomachi, Ashikaga-shi, Tochigi 326-0836 (JP). KAWASHIMA, Eiichi [JP/JP]; Green Hill Nishinomiya C205, 3003-1, Nishinomiya-cho, Ashikaga-shi, Tochigi 326-0817 (JP).
 (74) 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B65D 85/10, 5/38, 5/68
 (11) WO 2004/089785 (13) A1
 (21) PCT/EP2004/003887
 (22) 13 Apr/avr 2004 (13.04.2004)
 (25) en (26) en
 (30) 03008022.0 11 Apr/avr 2003 EP
 (11.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • PACKAGE WITH SLIDING LID
 • EMBALLAGE A COUVERCLE COULISSANT
 (71) PHILIP MORRIS PRODUCTS S.A. [CH/CH]; Quai Jeanrenaud 3, CH-2000 Neuchâtel (CH).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) GRANDJEAN, Jean-Pierre, René [FR/CH]; 4, chemin de Beau Cèdre, CH-1008 Jouxrens-Mézery (CH). VEL-LONI, Alessandro [IT/CH]; 22, chemin de la Roche, CH-1020 Renens (CH). PENA, Javier [ES/CH]; 70, avenue de Tivoli, CH-1007 Lausanne (CH).
 (74) ABITZ, Walter et al. / etc.; Poschingerstrasse 6, 81628 München (DE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65F 1/14

(11) WO 2004/089786 (13) A2

(21) PCT/EP2004/003886

(22) 13 Apr/avr 2004 (13.04.2004)

(25) de (26) de

(30) 103 17 127.4 14 Apr/avr 2003 DE
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • REFUSE COLLECTING DEVICE
EQUIPPED WITH A VENTILATING
DEVICE• DISPOSITIF DE COLLECTE DE DE-
CHETS EQUIPE D'UN SYSTEME DE
VENTILATION(71) BSH BOSCH UND SIEMENS HAUS-
GERÄTE GMBH [DE/DE]; Carl-Wery-Str.
34, 81739 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).
WETZL, Gerhard [DE/DE]; Hohweierstr.
15, 89567 Sontheim (DE). JOCHIMSKI,
Peter [DE/DE]; Hohweierstr. 15, 89567
Sontheim (DE).(74) BSH BOSCH UND SIEMENS HAUS-
GERÄTE GMBH; Carl-Wery-Str. 34,
81739 München (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ
VC VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

*(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DK DM DZ EC EE EG ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ
UA UG UZ VC VN YU ZA ZM ZW AP (BW GH
GM KE LS MW MZ SD SL SZ TZ UG ZM ZW)
EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT
BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IT LU MC NL PL PT RO SE SI SK TR) OA
(BF BJ CF CG CI CM GA GN GQ GW ML MR
NE SN TD TG)*(51)⁷ B65G 1/04

(11) WO 2004/089787 (13) A1

(21) PCT/CH2004/000228

(22) 14 Apr/avr 2004 (14.04.2004)

(25) de (26) de

(30) 03405259.7 14 Apr/avr 2003 EP
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE AND METHOD FOR RUN-
NING A WAREHOUSE• DISPOSITIF ET PROCEDE
D'EXPLOITATION D'UN ENTREPOT(71) GÜDEL AG [CH/CH]; Antriebs- und Lin-
earntechnik, Industrie Nord, CH-4900 Langen-
thal (CH).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) WIRZ, Herbert [CH/CH]; Schwalben-
weg 16, CH-4528 Zuchwil (CH). GÜDEL,
Rudolf [CH/CH]; Friedhofweg 20, CH-4500
Solothurn (CH). ZULAUF, Walter [CH/CH];
Oberdorf, CH-4937 Ursenbach (CH).(74) ROSHARDT, Werner, A. et al. / etc.; Keller
& Partner Patentanwälte AG, Schmiedlenplatz
5, Postfach, CH-3000 Bern 7 (CH).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ B65G 17/00

(11) WO 2004/089788 (13) A1

(21) PCT/EP2004/003696

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) 103 16941.5 12 Apr/avr 2003 DE
(12.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONVEYING DEVICE

• DISPOSITIF DE TRANSPORT

(71) ARZNEIMITTEL GMBH APOTHEKER
VETTER & CO. RAVENSBURG [DE/DE];
Marienplatz 79, 88212 Ravensburg (DE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) ROETHER, Manfred [DE/DE]; Brun-
nisachweg 10, 88677 Markdorf (DE).
RIEDTER, Franz [DE/DE]; Maiertal 15,
88289 Waldburg (DE).(74) GLEISS, Alf-Olav et al. / etc.; Leitzstrasse
45, 70469 Stuttgart (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ
VC VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJCF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ B65G 23/14, 15/08, 15/60

(11) WO 2004/089789 (13) A1

(21) PCT/JP2004/004541

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-97970 1 Apr/avr 2003 JP
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BOOSTER DEVICE FOR PIPE CON-
VEYOR AND PIPE CONVEOR DEVICE
USING THE SAME• DISPOSITIF D'APPOINT POUR
CONVOYEUR A COURROIE TUBU-
LAIRE ET CONVOYEUR A COURROIE
TUBULAIRE EQUIPE DUDIT DISPO-
SITIF(71) BRIDGESTONE CORPORATION
[JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku,
Tokyo 104-0031 (JP).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) SAKAGUCHI, Toshiki [JP/JP]; c/o
Yokohama Plant of, Bridgestone Corporation,
1, Kashio-cho, Totsuka-ku, Yokohama-shi,
Kanagawa 224-0812 (JP). IMAI, Atsushi
[JP/JP]; c/o Yokohama Plant of, Bridgestone
Corporation, 1, Kashio-cho, Totsuka-ku,
Yokohama-shi, Kanagawa 224-0812 (JP).
OYAMA, Toshikazu [JP/JP]; c/o Yoko-
hama Plant of, Bridgestone Corporation,
1, Kashio-cho, Totsuka-ku, Yokohama-shi,
Kanagawa 224-0812 (JP).(74) TAKEZAWA, Soichi et al. / etc.; First Kowa
Bldg., 15-5, Shimbashi 1-chome, Minato-ku,
Tokyo 105-0004 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ
VC VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ B65G 29/00, B07C 1/18, B65H 5/08

(11) WO 2004/089790 (13) A1

(21) PCT/EP2004/003146

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 103 16 235.6 9 Apr/avr 2003 DE
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE FOR CHANGING THE DI-
RECTION OF CONVEYANCE OF FLAT
POSTAL ITEMS AND THE POSITION
OF THE POSTAL ITEMS RELATIVE TO
THEIR DIRECTION OF CONVEYANCE• DISPOSITIF POUR MODIFIER LE
SENS DE TRANSPORT D'ENVOIS

PLATS ET LA POSITION DE CES ENVOIS PAR RAPPORT A LEUR SENS DE TRANSPORT

- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZIMMERMANN, Armin** [DE/DE]; Mainaustr. 196 B, 78464 Konstanz (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B65G 47/14, H01R 43/00**

- (11) **WO 2004/089791** (13) A1
(21) PCT/JP2004/004574
(22) **30 Mar/mar 2004 (30.03.2004)**
(25) ja (26) ja
(30) 2003-102530 **7 Apr/avr 2003 JP (07.04.2003)**
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PARTS FEEDER AND TERMINAL PRESS-CONNECTION DEVICE
• DISPOSITIF D'ALIMENTATION EN ELEMENTS ET DISPOSITIF DE CONNEXION POUR PRESSE TERMINALE
- (71) **KODERA ELECTRONICS CO., LTD.** [JP/JP]; 808-8, Shimonara, Gifu-shi, Gifu, 5008385 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KODERA, Hiroshi** [JP/JP]; 1-25-6, Noritakenaka, Gifu-shi, Gifu 5020932 (JP).
- (74) **MAEDA, Kanji**; Technoplaza 209, 4-179-1, Sue-cho, Kakamigahara-shi, Gifu 5090108 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65G 49/07**

- (11) **WO 2004/089792** (13) A1
(21) PCT/KR2004/000736
(22) **30 Mar/mar 2004 (30.03.2004)**
(25) ko (26) en
(30) 10-2003-0023250 **12 Apr/avr 2003 KR (12.04.2003)**
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CONVEYOR FOR PLATE-SHAPED MEMBERS
• CONVOYEUR POUR PIECES PLATES
- (71, 72) **LEE, Dong-Heon** [KR/KR]; Seong-Bon APT B-707, 709, Yeoksam 2-Dong, Kangnam-Ku, Seoul 135-919 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65G 51/03, H01L 21/00**

- (11) **WO 2004/089793** (13) A1
(21) PCT/DE2003/001103
(22) **3 Apr/avr 2003 (03.04.2003)**
(25) de (26) de
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DEVICE FOR PRODUCING A PREDETERMINED ORIENTATION
• DISPOSITIF POUR PRODUIRE UNE ORIENTATION PREDETERMINEE
- (71) **UNIVERSITÄT HANNOVER** [DE/DE]; Welfengarten 1, 30167 Hannover (DE).
BRAUN GMBH [DE/DE]; Frankfurter Strasse 145, 61476 Kronberg im Taunus (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RYBARCZYK, Andreas** [DE/DE]; Dangersstrasse 1, 31419 Hannover (DE).
LUDWIG, Ralph [DE/DE]; Am Gassgang 15, 61440 Oberursel (DE).
- (74) **SCHEFFLER, Jörg**; Tergau & Pohl, Adelheidstrasse, 30171 Hannover (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65H 7/04**

- (11) **WO 2004/089794** (13) A1
(21) PCT/JP2004/004810
(22) **1 Apr/avr 2004 (01.04.2004)**
(25) ja (26) ja
(30) 2003-100710 **3 Apr/avr 2003 JP (03.04.2003)**
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PAPER TRAY, PAPER FEEDER WITH THE TRAY, AND IMAGE FORMING DEVICE
• BAC A PAPIER, DISPOSITIF D'ALIMENTATION EN PAPIER AVEC BAC ET DISPOSITIF IMAGEUR
- (71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku Osaka-shi Osaka, 5458522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TANAKA, Kenji** NISHIZATO, Yoshiyuki NAKANISHI, Kenji OKADA, Tomohiko KOHNO, Akira
- (74) **HARA, Kenzo** et al. / etc.; Harakenzo World Patent & Trademark Patent Law Firm, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku Osaka-shi Osaka, 5300041 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) **7 Apr/avr 2004 (07.04.2004)**
(25) ja (26) ja
(30) 2003-105431 **9 Apr/avr 2003 JP (09.04.2003)**
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • RECORDING MEDIUM DELIVERY MECHANISM AND IMAGE FORMING DEVICE HAVING THE SAME
• MECANISME DE DISTRIBUTION DE SUPPORT D'ENREGISTREMENT ET DISPOSITIF DE FORMATION D'IMAGE PRESENTANT CELUI-CI
- (71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 5458522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHINKAWA, Tatsuya** [JP/JP]; 4-2-10-203, Torimi-cho, Nara-shi, Nara

- 6310065 (JP). AZUMI, Shinichi [JP/JP]; 5-705-139, Gakuennaka, Nara-shi, Nara 6310035 (JP). AKAGAWA, Yuhi [JP/JP]; 15-7, Saganakadai 9-chome Kizu-cho, Soraku-gun, Kyoto 6190223 (JP). KI-MOTO, Nobuyuki [JP/JP]; 270-6, Sasagaku, Haibara-cho, Uda-gun, Nara 6330242 (JP).
- (74) KURAUCHI, Giro; Sumitoseimei Midouji Bldg. 14-3, Nishitemma, 4-chome, Kita-ku, Osaka-shi, Osaka 5300047 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (21) PCT/SE2004/000398
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 0300783-8 10 Apr/avr 2003 SE (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CUTTING AID
• ACCESSOIRE DE COUPE
- (71) WEPRO AB [SE/SE]; P.O. Box 4084, S-203 11 Malmö (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHNYDER, Rolf [SE/SE]; Bispvägen 1, S-239 41 Falsterbo (SE). SANDSTRÖM, Kent [SE/SE]; Lodgatan 12, S-211 24 Malmö (SE).
- (74) STRÖM & GULLIKSSON IPC AB; P.O. Box 4188, S-203 13 Malmö (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND DEVICE FOR STICKING TAPE
• PROCEDE ET DISPOSITIF PERMETTANT DE COLLER DES BANDES
- (71) LINTEC CORPORATION [JP/JP]; 23-23, Honcho, Itabashi-ku, Tokyo, 1730001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAKAYAMA, Takehito [JP/JP]; 763-71, Oaza Angyotohachi, Kawaguchi-shi, Saitama, 3340051 (JP).
- (74) SUZUKI, Shunichiro; S.SUZUKI & ASSOCIATES, Gotanda Yamazaki Bldg. 6F, 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo, 1410031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) 2003/2775 9 Apr/avr 2003 SA (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A HOSE REEL
• DEVIDOIR
- (71, 72) CRONNING, Donovin [ZA/ZA]; 40 Van Beek Avenue, Glenvista, 2091 Johannesburg (ZA).
- (74) DOLD, Dennis, Michael; Adams & Adams, Adams & Adams Place, 1140 Prospect Street, Hatfield, PO Box 1014, 0001 Pretoria (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/089800 (13) A1
- (21) PCT/JP2003/004184
- (22) 1 Apr/avr 2003 (01.04.2003)
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ELEVATOR CALL RECORDING DEVICE
• DISPOSITIF D'ENREGISTREMENT D'APPEL D'ASCENSEUR
- (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) TAKEUCHI, Nobukazu [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
- (74) SOGA, Michiteru et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ B65H 75/48, H02G 11/02
- (11) WO 2004/089799 (13) A1
- (21) PCT/EP2004/050496
- (22) 9 Apr/avr 2004 (09.04.2004)
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- (30) 03100990.5 11 Apr/avr 2003 EP (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CONSTRUCTION KIT FOR A SPRING-DRIVEN CABLE DRUM
• ENSEMBLE PRET-A-MONTER DE TAMBOUR ENROULEUR A RESORTS
- (71) IPALCO B.V. [NL/NL]; Ohmweg 17, NL-2952 BD Alblasterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GIESEKE, Christoph [DE/DE]; Hochmeisterstrasse 15, 51065 Köln (DE).
- (74) SCHMITT, Armand et al. / etc.; Office Ernest T. Freylinger S.A., B.P. 48, L-8001 Strassen (LU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (11) WO 2004/089801 (13) A1
 (21) PCT/JP2004/003632
 (22) 18 Mar/mar 2004 (18.03.2004)
 (25) ja (26) ja
 (30) 2003-105363 9 Apr/avr 2003 JP
 (09.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • BRAKE-RELEASING DEVICE FOR ELEVATOR HOIST AND METHOD OF OPERATING THE SAME
 • DISPOSITIF DE DESSERRAGE DES FREINS DESTINE A UN APPAREIL DE LEVAGE D'ASCENSEUR ET PROCEDE DE MISE EN OEUVRE DE CE DISPOSITIF
 (71) TOSHIBA ELEVATOR KABUSHIKI KAISHA [JP/JP]; 5-27, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) MURAKAMI, Shin [JP/JP]; Green-Hill-Terada-189-2, 432, Terada-machi, Hachioji-shi, Tokyo, 1930943 (JP). ISHII, Takashi [JP/JP]; 2064-2, Matsudo, Matsudo-shi, Chiba, 2710092 (JP). URATA, Naoki [JP/JP]; Creare-Toshiba-Fuchu-E-631, 2-1, Toshiba-cho, Fuchu-shi, Tokyo, 1830043 (JP).
 (74) YOSHITAKE, Kenji et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1000005 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B66B 5/14, 7/08
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 (21) PCT/JP2003/004404
 (22) 7 Apr/avr 2003 (07.04.2003)
 (25) ja (26) ja
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • WEIGHING DEVICE OF ELEVATOR
 • DISPOSITIF DE PESAGE POUR ASCENSEUR
 (71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
 (72) TAKIGAWA, Yukihiko; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
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 (11) WO 2004/089804 (13) A1
 (21) PCT/JP2004/004910
 (22) 5 Apr/avr 2004 (05.04.2004)
 (25) ja (26) ja
 (30) 2003-105997 10 Apr/avr 2003 JP
 (10.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • SAFETY DEVICE AGAINST OVERTURNING OF CRANE
 • DISPOSITIF DE SECURITE CONTRE LE RENVERSEMENT DE GRUE
 (71) FURUKAWA CO. LTD. [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008370 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) HINATA, Shigemoto [JP/JP]; 774-100, Usuida, Sakura-shi, Chiba, 2850861 (JP).
 (74) MORI, Tetsuya et al. / etc.; Nichiei Kokusai Tokkyo Jimusho, Yusen Iwamotocho Bldg., 8th Floor, 3-3, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 1010032 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B67D
 (11) WO 2004/089805 (13) A2
 (21) PCT/US2004/009746
 (22) 31 Mar/mar 2004 (31.03.2004)
 (25) en (26) en
 (30) 60/458,686 31 Mar/mar 2003 US
 (31.03.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • MULTI-DOSE LIQUID DISPENSING ASSEMBLY
 • SYSTEME DE DISTRIBUTION DE LIQUIDE MULTIDOSE
 (71, 72) MANESIS, Nick, J. [US/US]; 3091 Chardonnay Drive, Pleasanton, California 94566 (US).
 (74) UXA, Frank, J.; Stout, Uxa, Buyan & Mullins, LLP, 4 Venture, Suite 300, Irvine, California 92618 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (11) WO 2004/089806 (13) A2
 (21) PCT/US2004/009801
 (22) 1 Apr/avr 2004 (01.04.2004)
 (25) en (26) en
 (30) 10/404,614 1 Apr/avr 2003 US
 (01.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • HIDDEN DOOR HINGE FOR VENDING MACHINE
 • CHARNIERE DE PORTE CACHEE POUR DISTRIBUTEUR AUTOMATIQUE
 (71) THE VENDO COMPANY [US/US]; 7209 N. Ingram Avenue, Fresno, CA 93650 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72) CARTER, Daniel, S.; 6658 N. Valentine Avenue, Fresno, CA 93711 (US).
 (74) FULGHUM, Roger; Baker Botts L.L.P., One Shell Plaza, 910 Louisiana, Houston, TX 77002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B67D 1/08

(11) WO 2004/089807 (13) A2

(21) PCT/EP2004/003761

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 103 16 772.2 10 Apr/avr 2003 DE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TAP HEAD FOR MOUNTING ON A FITTING ON A RISER FOR BEVERAGES
• TETE DISTRIBUTRICE DESTINEE A ETRE INSTALLEE SUR UN RACCORD MONTE SUR UNE CONDUITE MONTANTE DE BOISSON

(71) SPARKASSE BÜHL [DE/DE]; Eisenbahnstrasse 18, 77815 Bühl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TILL, Rudolf [DE/DE]; Lärchenweg 11, 77886 Lauf-Aubach (DE).

(74) WITTE, A. et al. / etc.; Witte, Weller & Partner, Postfach 105462, 70047 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B67D 5/00

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(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 2,425,350 14 Apr/avr 2003 CA (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONTAINER SHUT-OFF VALVE WITH VENTING
• SOUPEPE D'ARRET DE CONTENEUR A VENTILATION

(71) SCOTIA INNOVATORS INTERNATIONAL LTD. [CA/CA]; 14 Court Street, Suite 308, Truro, Nova Scotia B2N 3H7 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALEX, Peter [CA/CA]; R.R. #2, Cloverville, Antigonish County, Nova Scotia B2G 2K9 (CA). CHISHOLM, Ronald, R. [CA/CA]; 189 Lyman Street, Truro, Nova Scotia B2N 4S5 (CA).

(74) TORYS LLP et al. / etc.; Suite 3000, 79 Wellington Street West, Box 270, TD Centre, Toronto, Ontario M5K 1N2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B68B 1/08

(11) WO 2004/089809 (13) A1

(21) PCT/EP2004/002418

(22) 9 Mar/mar 2004 (09.03.2004)

(25) de (26) de

(30) 103 16 525.8 10 Apr/avr 2003 DE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CHIN CHAIN
• CHAINE MENTONNIERE

(71, 72) HERP, Karin [DE/DE]; Am Burgfeld 6, 83714 Miesbach (DE).

(74) KOPF, Korbinian; Maiwald Patentanwalts GMBH, Elisenhof, Elisenstrasse 3, 80335 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B81B

(11) WO 2004/089810 (13) A2

(21) PCT/US2004/010492

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,634 3 Apr/avr 2003 US (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MICROFLUIDIC DEVICES AND METHODS OF USING SAME

• DISPOSITIFS MICROFLUIDIQUES ET LEURS PROCÉDES D'UTILISATION

(71) FLUIDIGM CORP. [US/US]; 7100 Shoreline Court, South San Francisco, CA 94080 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCBRIDE, Lincoln [US/US]; 400 Alameda de la Pulgas, Belmont, CA 94002 (US). LUCERO, Michael [US/US]; 634 Pine Terrace, South San Francisco, CA 94080 (US). UNGER, Marc [US/US]; 3700 Fernwood Street, San Mateo, CA 94403 (US). NASSEF, Hany Ramez [US/US]; 1857 Nash Drive, San Mateo, CA 94401 (US). FACER, Geoffrey [AU/US]; 940 Guerrero Street # 18, San Francisco, CA 94110 (US).

(74) TOBIN, Kent, J. et al. / etc.; Townsend and Townsend and Crew, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B81B 3/00

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(21) PCT/EP2004/000867

(22) 31 Jan/jan 2004 (31.01.2004)

(25) en (26) en

(30) 03008446.1 11 Apr/avr 2003 EP (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR MANUFACTURING AN ELECTRO-MECHANICAL COMPONENT AND AN ELECTRO-MECHANICAL COMPONENT, SUCH AS A STRAINED SI FIN-FET

• COMPOSANT ELECTROMECHANIQUE DE TYPE FIN-FET A SI CONTRAINT ET PROCEDE DE FABRICATION CORRESPONDANT

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(74) FISCHER, Michael; c/o Siemens AG, Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

- MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).
-
- (51)⁷ B81C 1/00, B81B 3/00, H03H 9/24, 3/007
(11) WO 2004/089812 (13) A1
(21) PCT/JP2004/004822
(22) 2 Apr/avr 2004 (02.04.2004)
(25) ja (26) ja
(30) 2003-098782 2 Apr/avr 2003 JP
(02.04.2003)
(30) 2004-068325 11 Mar/mar 2004 JP
(11.03.2004)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • PROCESS FOR FABRICATING MICRO-
MACHINE
• PROCESSUS DE FABRICATION DE
MICROMACHINE
(71) SONY CORPORATION [JP/JP]; 7-35, Ki-
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(74) NAKAMURA, Tomoyuki; c/o Miyoshi
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anomom Daiichi Building, 2-3, Toranomom
1-chome, Minato-ku, Tokyo 1050001 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ B82B 3/00
(11) WO 2004/089814 (13) A2
(21) PCT/CA2004/000528
(22) 7 Apr/avr 2004 (07.04.2004)
(25) en (26) en
(30) 60/320,098 8 Apr/avr 2003 US
(08.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
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(72, 75) HICKEY, Ryan, Murray [CA/CA]; 28
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(74) MITCHELL, Richard, J. et al. / etc.; c/o
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tawa, Ontario K1P 5S7 (CA).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ B82B 3/00, C12M 1/00, C12N 5/00, G01N
13/16
(11) WO 2004/089815 (13) A1
(21) PCT/JP2004/002345
(22) 27 Feb/fév 2004 (27.02.2004)
(25) ja (26) ja
(30) 2003-054656 28 Feb/fév 2003 JP
(28.02.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • MEMBER FOR MOLECULAR ELABO-
RATION
• ELEMENT DESTINE A
L'ELABORATION MOLECU-
LAIRE
(71) NATIONAL INSTITUTE OF AD-
VANCED INDUSTRIAL SCIENCE AND
TECHNOLOGY [JP/JP]; 3-1, kasumigaseki
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(72, 75) NAKAMURA, Chikashi [JP/JP]; C/o
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(JP). NAKAMURA, Noriyuki [JP/JP];
C/o National Institute Of Advanced Indus-
trial Science And Technology 1-1, Higashi
1-chome Tsukuba-shi Ibaraki, 3058562 (JP).
OBATAYA, Ikuo [JP/JP]; C/o National
Institute Of Advanced Industrial Science
And Technology 1-1, Higashi 1-chome
Tsukuba-shi Ibaraki, 3058562 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
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(51)⁷ C01B 13/14, 33/141, 33/26, C01F 7/02,
G09G 1/02
(11) WO 2004/089816 (13) A1
(21) PCT/EP2004/003445
(22) 1 Apr/avr 2004 (01.04.2004)
(25) en (26) en
(30) 103 17 066.9 14 Apr/avr 2003 DE
(14.04.2003)

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROCESS FOR THE PRODUCTION OF METAL OXIDE AND METALLOID OXIDE DISPERSIONS
- PROCEDE DE PRODUCTION DE DISPERSIONS D'OXYDES DE METAUX ET DE METALLOIDES
- (71) DEGUSSA AG [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).
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- (72, 75) LORTZ, Wolfgang [DE/DE]; Feldstrasse 9, 63607 Wächtersbach (DE). BATZ-SOHN, Christoph [DE/DE]; Riedstrasse 10a, 63454 Hanau (DE). PERLET, Gabriele [DE/DE]; Oberhaagstrasse 7a, 63538 Grosskrotzenburg (DE). WILL, Werner [DE/DE]; Schulstrasse 46, 63571 Gelnhausen (DE). SCHNEIDER, Gerrit [DE/DE]; Eppsteinstrasse 51, 63456 Hanau (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 BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ C01B 15/08, H05K 3/38, H01L 21/3213
- (11) WO 2004/089817 (13) A1
- (21) PCT/US2004/010043
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 10/404,200 31 Mar/mar 2003 US (31.03.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • POTASSIUM HYDROGEN PEROXYMONOSULFATE SOLUTIONS
- SOLUTIONS DE PEROXYMONOSULFATE D'HYDROGENE DE POTASSIUM
- (71) E.I. DUPONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TUFANO, Thomas, Peter [US/US]; 2206 Beaumont Road, Wilmington, DE 19803 (US). COXEY, Michael, Brian [US/US]; 1705 Pebble Beach Drive, Elkton, MD 21921 (US).
- (74) MAYER, Nancy, S.; E. I. DU PONT DE NEMOURS AND COMPANY, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2004/089818 (13) A1

(21) PCT/EP2003/003838

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FUNCTIONALIZED CARBON NANOTUBES, A PROCESS FOR PREPARING THE SAME AND THEIR USE IN MEDICINAL CHEMISTRY

- NANOTUBES DE CARBONE FONCTIONNALISE, PROCEDE DE PREPARATION DESDITS NANOTUBES ET LEUR UTILISATION DANS LA CHIMIE MEDICALE

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cédex 14 (FR). UNIVERSITA DEGLI STUDI DI TRIESTE [IT/IT]; Piazzale Europa 1, I-34127 Trieste (IT).
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(72, 75) BIANCO, Alberto [IT/FR]; 5, Rue Saint Maurice, F-67000 Strasbourg (FR). PANTAROTTO, Davide [IT/FR]; Résidence des Arts, 15 rue du Hohwald, F-67000 Strasbourg (FR). PRATO, Maurizio [IT/IT]; Via Croatto 32, I-34128 Trieste (IT).

(74) GROSSET-FOURNIER, Chantal et al. / etc.; Grosset-Fournier & Demachy SARL, 54, rue Saint-Lazare, F-75009 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C01B 31/02, A61P 31/00, 37/00, 43/00

(11) WO 2004/089819 (13) A1

(21) PCT/EP2004/003829

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) PCT/EP03/03838 14 Apr/avr 2003 EP (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FUNCTIONALIZED CARBON NANOTUBES, A PROCESS FOR PREPARING THE SAME AND THEIR USE IN MEDICINAL CHEMISTRY

- NANOTUBES DE CARBONE FONCTIONNALISES, PROCEDE DE PREPARATION ET UTILISATION EN CHIMIE MEDICINALE

(63) US PCT/EP03/03838 (CIP)
14 Apr/avr 2003 (14.04.2003)

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR). L'UNIVERSITA DEGLI STUDI DI TRIESTE [IT/IT]; Piazzale Europa 1, I-34127 Trieste (IT).

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(72, 75) BIANCO, Alberto [IT/FR]; 5, Rue Saint Maurice, F-67000 Strasbourg (FR). PANTAROTTO, Davide [IT/FR]; Résidence des Arts, 15 rue du Hohwald, F-67000 Strasbourg (FR). PRATO, Maurizio [IT/IT]; Via Croatto, 32, I-34128 Trieste (IT).

(74) GROSSET-FOURNIER, Chantal et al. / etc.; Grosset-Fournier & Demachy SARL, 54, rue Saint-Lazare, F-75009 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/JP2004/004842

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 2003-102030 4 Apr/avr 2003 JP (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FLAKY CARBONACEOUS PARTICLE AND PRODUCTION METHOD THEREOF

- PARTICULE CARBONNEE EN PAILLETTE ET PROCEDE DE FABRICATION

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP).

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(72, 75) SANO, Hitomi [JP/JP]; c/o CANON KABUSHIKI KAISHA 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). KAWAKAMI, Soichiro [JP/JP]; c/o CANON KABUSHIKI KAISHA 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501

- (JP). YAMAMOTO, Tomoya [JP/JP]; c/o CANON KABUSHIKI KAISHA 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). INOUE, Katsuhiko [JP/JP]; c/o CANON KABUSHIKI KAISHA 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP).
- (74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1000005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
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- (51)⁷ C01B 31/02
- (11) WO 2004/089821 (13) A1
- (21) PCT/JP2004/004953
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) ja (26) ja
- (30) 2003-102964 7 Apr/avr 2003 JP (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CARBON PARTICLE AND METHOD FOR PREPARATION THEREOF
- PARTICULES DE CARBONE ET LEUR PROCEDE DE PRODUCTION
- (71) MITSUBISHI CHEMICAL CORPORATION [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP). FRONTIER CARBON CORPORATION [JP/JP]; 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).
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- (72, 75) TAKAGI, Masatoshi [JP/JP]; c/o Mitsubishi Chemical, Group Science and Technology, Research Center, Inc., 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP). ENDA, Jun [JP/JP]; c/o Mitsubishi Chemical, Group Science and Technology, Research Center, Inc., 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP).
- (74) OKADA, Kazuhiko; Okada & Associates, 6F, Kudan Kangyo Bldg., 10-1, Kudan-Kita 1-chome, Chiyoda-ku, Tokyo 102-0073 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C01B 31/02, B82B 3/00, H05H 1/46
- (11) WO 2004/089822 (13) A1
- (21) PCT/JP2004/005012
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) ja (26) ja
- (30) 2003-103506 7 Apr/avr 2003 JP (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND APPARATUS FOR PRODUCING GAS ATOM CONTAINING FULLERENE, AND GAS ATOM CONTAINING FULLERENE
- PROCEDE ET APPAREIL DE PRODUCTION DE FULLERENES CONTENANT DES ATOMES GAZEUX, ET FULLERENES CONTENANT DES ATOMES GAZEUX
- (71) IDEAL STAR INC. [JP/JP]; 6-3, Minami-Yoshinari 6-chome, Aoba-ku, Sendai-shi, Miyagi, 9893204 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HATAKEYAMA, Rikizo [JP/JP]; 5-32, Koduru 2-chome, Miyagino-ku, Sendai-shi, Miyagi, 9830031 (JP). HIRATA, Takamichi [JP/JP]; 602, 27-11, Yamatemachi, Aoba-ku, Sendai-shi, Miyagi, 9810967 (JP). KASAMA, Yasuhiko [JP/JP]; 11-12, Nijinooka 4-chome, Izumi-ku, Sendai-shi, Miyagi, 9818007 (JP). OMOTE, Kenji [JP/JP]; 13-18, Sumiyoshidai-Higashi 5-chome, Izumi-ku, Sendai-shi, Miyagi, 9813222 (JP).
- (74) FUKUMORI, Hisao; 2F, Fuji Building, 5-11, Kudanminami 4-chome, Chiyoda-ku, Tokyo, 1020074 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C01B 31/26
- (11) WO 2004/089824 (13) A1
- (21) PCT/ZA2004/000042
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) en (26) en
- (30) 0308283.1 10 Apr/avr 2003 GB (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • THE MANUFACTURE OF CARBONYL SULPHIDE
- FABRICATION DE SULFURE DE CARBONYLE
- (71, 72) FINK, Winston, David [ZA/ZA]; 25 North Rand Road, Beyers Park, Boksberg, Gauteng (ZA).
- (74) BACON, Brian; Brian Bacon & Associates Inc., 2nd floor, Mariendahl House, Newlands on Main, Main Road, 7700 Newlands (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C01B 31/22, F25C 1/00
- (11) WO 2004/089823 (13) A1
- (21) PCT/JP2003/011175
- (22) 1 Sep/sep 2003 (01.09.2003)
- (25) ja (26) ja
- (30) 2003-102797 7 Apr/avr 2003 JP (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DRY ICE/ICE-SUPPLYING APPARATUS
- APPAREIL DISTRIBUTEUR DE GLACE/GLACE SECHE
- (71) KAKUBAYASHI SHOJI CO., LTD. [JP/JP]; 4-5-41, Fukushima, Fukushima-ku, Osaka-shi, Osaka 553-0003 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ISHIDA, Michio [JP/JP]; c/o Kakubayashi Shoji Co., Ltd., 4-5-41, Fukushima, Fukushima-ku, Osaka-shi, Osaka 553-0003 (JP).
- (74) KOBAYASI, Ryohei et al. / etc.; KOBAYASI PATENT & TRADEMARK, 7th Floor, Hogenhijokarasuma Building, 37, Motoakuoji-cho, Higashinotoindori Shijo Sagaru, Shimogyo-ku, Kyoto-shi, Kyoto 600-8091 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C01B 33/141, C08G 65/26, C09C 1/30
- (11) WO 2004/089825 (13) A1
- (21) PCT/EP2004/003209
- Published / Publiée : (c)

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 103 16 661.0 11 Apr/avr 2003 DE
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AQUEOUS DISPERSION OF HYDROPHOBIZED SILICON DIOXIDE POWDER COMPRISING A DISPERSING AGENT

- DISPERSION AQUEUSE DE POUDRE DE DIOXYDE DE SILICIUM HYDROPHOBE COMPRENANT UN AGENT DE DISPERSION

(71) DEGUSSA AG [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LORTZ, Wolfgang [DE/DE]; Feldstrasse 9, 63607 Wächtersbach (DE). BATZ-SOHN, Christoph [DE/DE]; Riedstrasse 10a, 63454 Hanau (DE). PERLET, Gabriele [DE/DE]; Oberhaagstrasse 7a, 63538 Grosskrotzenburg (DE). WILL, Werner [DE/DE]; Schulstrasse 46, 63571 Gelnhausen (DE). LEHMANN, Kathrin [DE/DE]; Am Lindenfeld 33, 51377 Leverkusen (DE). RÜTTGERODT, Angela [DE/DE]; Idastrasse 39, 51069 Köln (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 BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement(51)⁷ C01C 3/10

(11) WO 2004/089826 (13) A2

(21) PCT/US2004/010042

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/404,321 1 Apr/avr 2003 US
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SODIUM CYANIDE PROCESS

- PROCEDE DE PRODUCTION DE CYANURE DE SODIUM

(71) E.I. DUPONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROGERS, Janet, Marie [US/US]; 5045 Shadow Lane, Beaumont, TX 77706 (US). GREEN, Daniel, Albert [US/US]; 102 Chestnut Lane, Moylan, PA 19065 (US).

(74) SHAY, Lucas, K. et al. / etc.; E. I. Du Pont De Nemours And Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C01F 7/00

(11) WO 2004/089827 (13) A2

(21) PCT/US2004/010266

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/406,085 2 Apr/avr 2003 US
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NANOPOROUS ULTRAFINE ALPHA-ALUMINA POWDERS AND SOL-GEL PROCESS OF PREPARING THE SAME

- POUDRES D'ALPHA-ALUMINE ULTRAFINES, NANOPOREUSES, ET PROCEDE SOL-GEL DESTINE A LA PREPARATION DE CES POUDRES

(71) SAINT-GOBAIN CERAMICS & PLASTICS, INC. [US/US]; 1 New Bond Street, Box Number 15138, Worcester, Massachusetts 01615-0138 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WANG, Yuhu [CN/US]; Conklin Estates, 1088 E. Chicago Blvd, Apartment 14, Tecumseh, Michigan 49286 (US).

(74) BUJOLD, Michael J. et al. / etc.; Davis & Bujold, P.L.L.C., 500 North Commercial Street, Fourth Floor, Manchester, New Hampshire 03101-1151 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C01F 7/02

(11) WO 2004/089828 (13) A2

(21) PCT/US2004/010255

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/406,060 2 Apr/avr 2003 US
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NANOPOROUS ULTRAFINE ALPHA-ALUMINA POWDERS AND FREEZE DRYING PROCESS OF PREPARING THE SAME

- POUDRES NANOPOREUSES D'ALPHA-ALUMINE ULTRAFINE ET PROCEDE DE LYOPHILISATION DE SA PREPARATION

(71) SAINT-GOBAIN CERAMICS & PLASTICS, INC. [US/US]; 1 New Bond Street, Box Number 15138, Worcester, MA 01615-0138 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WANG, Yuhu [CN/US]; Conklin Estates, 1088 E. Chicago Blvd, Apartment 14, Tecumseh, Michigan 49286 (US).

(74) BUJOLD, Michael, J. et al. / etc.; Davis & Bujold, P.L.L.C., 500 North Commercial Street, Fourth Floor, Manchester, NH 03101-1151 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C01G 9/02, 19/00, H01B 1/20, 5/14

(11) WO 2004/089829 (13) A1

(21) PCT/JP2004/004655

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-098612 1 Apr/avr 2003 JP
(01.04.2003)(30) 2003-165506 10 Jun/juin 2003 JP
(10.06.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COMPOSITE INDIUM OXIDE PARTICLE, METHOD FOR PRODUCING SAME, CONDUCTIVE COATING MATERIAL, CONDUCTIVE COATING FILM, AND CONDUCTIVE SHEET

- PARTICULE D'OXYDE D'INDIUM COMPOSITE, PROCEDE DE PRODUCTION CORRESPONDANT, MATERIAU DE REVETEMENT CONDUCTEUR, FILM DE REVETEMENT CONDUCTEUR ET FEUILLE CONDUCTRICE

(71) HITACHI MAXELL, LTD. [JP/JP]; 1-88, Ushitora 1-chome, Ibaraki-shi, Osaka 5678567 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAWAKI, Yuko [JP/JP]; Satsuki-ryo, 1, Koizumi, Oyamazaki-cho, Otokuni-gun, Kyoto 618-0000 (JP). KISHIMOTO, Mikio [JP/JP]; 10-18, Matsumaedai 7-chome, Moriya-shi, Ibaraki3020102 (JP).

(74) KAWAMIYA, Osamu et al. / etc.; AOYAMA & PARTNERS IMP Building,

- 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 5400001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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
- (11) WO 2004/089830 (13) A2
- (21) PCT/IL2004/000319
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 60/461,824 11 Apr/avr 2003 US (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SOLVENT EXTRACTION SYSTEM AND METHOD
- SYSTEME ET PROCEDURE D'EXTRACTION DE SOLVANT
- (71, 72) SCHAFFER, Moshe [IL/IL]; 1 Oren Street, 60920 Kadima (IL).
- (74) FACTOR, Michael et al. / etc.; Seligsohn Gabrieli Levit & Co., POB 1426, 60103 Tel Aviv (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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
- (11) WO 2004/089831 (13) A2
- (21) PCT/US2004/010437
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 60/460,847 4 Apr/avr 2003 US (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • STABLE SELF-ORGANIZING PLANT-ORGANISM SYSTEMS FOR REMEDIATING POLLUTED SOILS AND WATERS
- SYSTEMES D'ORGANISMES VEGETAUX STABLES A AUTO-ORGANISATION DESTINES A REMEDIER AUX EAUX ET SOLS POLLUES
- (71) CORNELL RESEARCH FOUNDATION, INC. [US/US]; Cornell Business & Technology Park, 20 Thornwood Drive, Suite 105, Ithaca, NY 14850 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72) HARMAN, Gary, E.; 3986 Braewood Lane, Geneva, NY 14456 (US). LYNCH, James, M.; Tudor Close, 12 The Drive Angmering on Sea, West Sussex BN16 1QH (GB). LORITO, Matteo; Via Filanda #3, I-84080 Capezzano (IT).
- (74) GOLDMAN, Michael, L. et al. / etc.; Nixon Peabody LLP, Clinton Square, P.O. Box 31051, Rochester, NY 14603-1051 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C02F 1/463
- (11) WO 2004/089832 (13) A1
- (21) PCT/US2004/010004
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/460,774 2 Apr/avr 2003 US (02.04.2003)
- (30) 60/460,441 4 Apr/avr 2003 US (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ELECTROCOAGULATION SYSTEM
- SYSTEME D'ELECTROCOAGULATION
- (71) NEW EARTH SYSTEMS, INC. [US/US]; 3192 Sugar Leo Road, St. George, UT 84790 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRADLEY, Kirk, D. [US/US]; 3192 Sugar Leo Road, St. George, UT 84790 (US).
- (74) THOMPSON, Clifton, W. et al. / etc.; Thorpe North & Western LLP, P.O. Box 1219, Sandy, UT 84091-1219 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 1/52
- (11) WO 2004/089834 (13) A1
- (21) PCT/KR2004/000719
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) ko (26) en
- (30) 10-2003-0022839 11 Apr/avr 2003 KR (11.04.2003)
- (30) 10-2004-0012976 26 Feb/fév 2004 KR (26.02.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SLUDGE CONCENTRATION SYSTEM AND PROCESS WHICH HAVE
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)

FUNCTIONS FOR AUTOMATICALLY CHARGING A COAGULANT AND FOR AUTOMATICALLY CONTROLLING THE CONCENTRATION OF A SLUDGE

- SYSTEME ET PROCEDE DE CONCENTRATION DE BOUES A CHARGE-MENT AUTOMATIQUE DE COAGULANT ET A REGULATION AUTOMATIQUE DE LA CONCENTRATION DES BOUES

(71, 72) **HONG, Sang Hun** [KR/KR]; 1-1112 Enma Apt., 316, Daechi-dong, Gangnam-gu, Seoul 135-280 (KR).

(74) **JEON, Young-II**; KWTC P.O. Box 243, #4202, Trade Tower, World Trade Center, Samsung-dong, Kangnam-gu, Seoul 135-729 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C02F 11/02, 3/12, A01K 63/00

(11) **WO 2004/089835** (13) A1

(21) PCT/JP2004/004055

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) ja (26) ja

(30) 2003-097682 **1 Apr/avr 2003** JP (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD OF TREATING SLUDGE RESULTING FROM BIOLOGICAL TREATMENT WITH USE OF FISH AND APPARATUS THEREFOR

- PROCEDE UTILISANT DES POISSONS POUR TRAITER DES BOUES RESULTANT D'UN TRAITEMENT BIOLOGIQUE, ET APPAREIL ASSOCIE

(71) **EBARA CORPORATION** [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUCHU, Yuichi** [JP/JP]; c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP).

KOBAYASHI, Atsushi [JP/JP]; c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP). **SAKUMA, Hiroshi** [JP/JP]; c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP). **SUZUKI, Hitomi** [JP/JP]; c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP).

(74) **MIYAGAWA, Teiji** et al. / etc.; 6th Floor, Fuji Bldg., 19, Aizumi-cho, Shinjuku-ku, Tokyo 1600005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C03B 19/14, C03C 3/06, 4/00

(11) **WO 2004/089836** (13) A1

(21) PCT/JP2004/004845

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 2003-100496 **3 Apr/avr 2003** JP (03.04.2003)

(30) 2003-321729 **12 Sep/sep 2003** JP (12.09.2003)

(30) 2004-072762 **15 Mar/mar 2004** JP (15.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SILICA GLASS CONTAINING TIO₂ AND PROCESS FOR ITS PRODUCTION

- VERRE DE SILICE CONTENANT TIO<SB>2</SB> ET PROCEDE DE FABRICATION

(71) **ASAHI GLASS COMPANY LIMITED** [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo, 1008405 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IWAHASHI, Yasutomi** [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 2218755 (JP). **KOIKE, Akio** [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 2218755 (JP).

(74) **SENMYO, Kenji** et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C03B 37/018

(11) **WO 2004/089837** (13) A2

(21) PCT/EP2004/003665

(22) **6 Apr/avr 2004 (06.04.2004)**

(25) de (26) de

(30) 103 16 487.1 **9 Apr/avr 2003** DE (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR THE PRODUCTION OF A BLANK MOLD FOR OPTICAL FIBERS

- PROCEDE DE FABRICATION D'UNE PREFORME POUR FIBRES OPTIQUES

(71) **HERAEUS TENEVO AG** [DE/DE]; Quarzstrasse 8, 63450 Hanau (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHÖTZ, Gerhard** [DE/DE]; Elsa-Brandström-Weg 21, 63741 Aschaffenburg (DE). **BRÄUER, Karsten** [DE/DE]; Königsberger Strasse 24, 63486 Bruchköbel (DE). **HÜNERMANN, Michael** [DE/DE]; Drosselweg 19, 63755 Alzenau (DE).

SCHMIDT, Richard [DE/DE]; Hanauer Strasse 28, 63546 Hammersbach (DE). **FABIAN, Heinz** [DE/DE]; Westring 29, 63762 Grossostheim (DE). **TREBER, Norbert** [DE/DE]; Liesingstrasse 6, 63457 Hanau (DE).

(74) **STAUDT, Armin**; Edith-Stein-Strasse 22, 63075 Offenbach/Main (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C03C 3/06, C03B 19/14

(11) **WO 2004/089838** (13) A1

(21) PCT/JP2004/004829

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 2003-100798 **3 Apr/avr 2003** JP (03.04.2003)

(30) 2003-100799 **3 Apr/avr 2003** JP (03.04.2003)

(30) 2004-076312 **17 Mar/mar 2004** JP (17.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SILICA GLASS CONTAINING TIO₂ AND OPTICAL MATERIAL FOR EUV LITHOGRAPHY

- VERRE DE SILICE RENFERMANT TIO<SB>2</SB> ET MATERIAU OPTIQUE POUR LITHOGRAPHIE DANS L'ULTRAVIOLET EXTREME

(71) **ASAHI GLASS COMPANY LIMITED** [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo, 1008405 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IWAHASHI, Yasutomi, [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 2218755 (JP). KOIKE, Akio, [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 2218755 (JP).

(74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Bldg. 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 1010042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C03C 3/06

(11) WO 2004/089839 (13) A1

(21) PCT/JP2004/004833

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 2003-100495 3 Apr/avr 2003 JP (03.04.2003)

(30) 2003-164669 10 Jun/juin 2003 JP (10.06.2003)

(30) 2004-065275 9 Mar/mar 2004 JP (09.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SILICA GLASS CONTAINING TIO₂ AND PROCESS FOR ITS PRODUCTION

• VERRE DE SILICE RENFERMANT TIO<SB>2</SB> ET SON PROCÉDE DE PRODUCTION

(71) ASAHI GLASS COMPANY LIMITED [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo, 1008405 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IWAHASHI, Yasutomi, [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 2218755 (JP). KOIKE, Akio, [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 2218755 (JP).

(74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 1010042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C03C 14/00

(11) WO 2004/089840 (13) A1

(21) PCT/JP2004/004722

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-097960 1 Apr/avr 2003 JP (01.04.2003)

(30) 2003-337317 29 Sep/sep 2003 JP (29.09.2003)

(30) 2004-083270 22 Mar/mar 2004 JP (22.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LUMINESCENT GLASS ARTICLE AND METHOD OF MANUFACTURING THE SAME

• ARTICLE EN VERRE LUMINESCENT ET SON PROCÉDE DE FABRICATION

(71) NIPPON ELECTRIC GLASS CO. LTD. [JP/JP]; 7-1, Seiran 2-chome, Otsu-shi, Shiga, 5208639 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MASUDA, Noriaki [JP/JP]; c/o Nippon Electric Glass Co., Ltd. 7-1, Seiran 2-chome, Otsu-shi, Shiga, 5208639 (JP). OSHIMA, Hiroshi [JP/JP]; c/o Nippon Electric Glass Co., Ltd. 7-1, Seiran 2-chome, Otsu-shi, Shiga, 5208639 (JP). SHIBUYA, Takehiro [JP/JP]; c/o Nippon Electric Glass Co., Ltd. 7-1, Seiran 2-chome, Otsu-shi, Shiga, 5208639 (JP).

(74) EHARA, Syogo et al. / etc.; EHARA PATENT OFFICE, 15-26, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka, 5500002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C03C 15/00, 21/00, 23/00, H01L 31/0236, 31/18

(11) WO 2004/089841 (13) A1

(21) PCT/AU2004/000339

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 2003901559 7 Apr/avr 2003 AU (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • GLASS TEXTURING

• TEXTURATION DU VERRE

(71) UNISEARCH LIMITED [AU/AU]; The University of New South Wales, Rupert Myers Building, Gate 14, Barker Street, Sydney, NSW 2052 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ABERLE, Armin, Gerhard [DE/AU]; 8/10 Fabry Street, Botany, 2019 (AU). WIDENBORG, Per, Ingemar [SE/AU]; 1/5 Moira Crescent, Clovelly, NSW 2031 (AU). CHUANGSUWANICH, Natapol [TH/AU]; 12/97-99 Doncaster Avenue, Kensington, NSW 2033 (AU).

(74) SPRUSON & FERGUSON; GPO Box 3898, Sydney, NSW 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C04B 2/10, F27B 7/36

(11) WO 2004/089842 (13) A1

(21) PCT/EP2004/002870

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) 103 17 307.2 14 Apr/avr 2003 DE (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CALCINING DEVICE AND METHOD FOR BURNING LIMESTONE OR DOLOMITE

• DISPOSITIF DE CALCINATION ET PROCÉDE POUR REALISER LA COMBUSTION DE CALCAIRE OU DE DOLOMITE

(71) RHEINKALK GMBH [DE/DE]; Am Kalkstein 1, 42489 Wülfrath (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHWERTMANN, Thomas [DE/DE]; Kölner Str. 61, 42781 Haan (DE). OBERKOHOLT, Peter [DE/DE]; Paracelsusstr. 91C, 42549 Velbert (DE).

(74) COHAUSZ & FLORACK; Bleichstr. 14, 40211 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C04B 18/02, F16L 59/02 // (C04B 18/02, 14:06, 18:14)

(11) WO 2004/089843 (13) A1

(21) PCT/GB2004/001246

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 0307932.4 5 Apr/avr 2003 GB (05.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BEADED THERMAL INSULATION MATERIAL

• MATERIAU D'ISOLATION THERMIQUE PERLE

(71) MICRO THERM INTERNATIONAL LIMITED [GB/GB]; 1 Arrowe Brook Road, Upton, Wirral, Cheshire CH49 1SX (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ABDUL-KADER, Oras, Khalid [GB/GB]; 5 Tynwald Green, Leeds, Yorkshire LS17 5NL (GB). VAN GUCHT, Baudevijn [BE/BE]; Hoogste 55, B-2880 Bornem (BE).

(74) JACKSON, Derek, Charles; Derek Jackson Associates, The Old Yard, Lower Town, Claines, Worcester, Worcestershire WR3 7RY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C04B 24/00, 28/02, C23F 11/167, C09D 5/08, C23C 22/05

(11) WO 2004/089844 (13) A1

(21) PCT/IB2004/001123

(22) 30 Mar/mar 2004 (30.03.2004)

(25) fr (26) fr

(30) 0640/03 9 Apr/avr 2003 CH (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PRODUCT FOR TREATING REINFORCED CONCRETE CONSTRUCTIONS

• PRODUIT POUR LE TRAITEMENT DE STRUCTURES EN BETON ARME

(71) ARTS TECHNOLOGY S.A. [CH/CH]; 38, Route du Bois-de-Bay, CH-1242 Satigny (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LUTZ, Theophil, Markus [CH/CH]; Avenue de Corderey 6, CH-1110 Morges (CH). CHEVRET, Christian [FR/FR]; 169, Chemin des Uches, F-74380 Cranves Sales (FR).

(74) GROSFILLIER, Philippe; BUGNION S.A., Case Postale 375, CH-1211 Genève 12 (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C04B 24/26, 28/02, C08F 290/06, 20/28

(11) WO 2004/089845 (13) A1

(21) PCT/JP2004/002575

(22) 2 Mar/mar 2004 (02.03.2004)

(25) en (26) en

(30) 2003-104419 8 Apr/avr 2003 JP (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CEMENT ADMIXTURE AND CEMENT COMPOSITION

• ADJUVANT DE CIMENT ET COMPOSITION DE CIMENT

(71) NIPPON SHOKUBAI CO., LTD. [JP/JP]; 1-1, Koraibashi 4-chome, Chuo-ku, Osaka-shi, Osaka 5410043 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMASHITA, Akihiko [JP/JP]; 5-5-601, Gakuencho, Ibaraki-shi, Osaka 5670833 (JP). TANAKA, Hiromichi [JP/JP]; D-302, 32-50, Shishigaya 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 2300073 (JP). UNO, Toru [JP/JP]; A-102, 40-11, Shishigaya 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 2300073 (JP). ONDA, Yoshiyuki [JP/JP]; 61-11, Ikebukuro 2-chome, Toshima-ku, Tokyo 1710014 (JP).

(74) YASUTOMI, Yasuo et al. / etc.; Chuo Bldg. 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 5320011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C04B 28/00, 24/42, 24/32

(11) WO 2004/089846 (13) A1

(21) PCT/EP2004/002099

(22) 3 Mar/mar 2004 (03.03.2004)

(25) en (26) en

(30) 0307920.9 7 Apr/avr 2003 GB (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SHRINKAGE REDUCING ADDITIVE FOR CEMENT COMPOSITIONS

• ADDITIF REDUISANT LE RETRAIT POUR COMPOSITIONS DE CIMENT

(71) CONSTRUCTION RESEARCH & TECHNOLOGY GMBH [DE/DE]; Dr.-Albert-Frank-Strasse 32, 83308 Trostberg (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZAMPINI, Davide [CH/CH]; Hoeweg 4, CH-2552 Orpund (CH).

(74) CONSTRUCTION RESEARCH & TECHNOLOGY GMBH; Dr.-Albert-Frank-Strasse 32, 83308 Trostberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C04B 28/02, 14/04, C09K 21/02, E04B 1/94 // (C04B 28/02, 14:04, 18:26)

(11) WO 2004/089847 (13) A1

(21) PCT/NL2004/000237

(22) 8 Apr/avr 2004 (08.04.2004)

(25) nl (26) en

(30) 1023149 11 Apr/avr 2003 NL (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FIRE-INSULATING WALL COVERING AND A PREPARATION METHOD FOR SAME

• REVETEMENT MURAL IGNIFUGE ET PROCÉDE DE PREPARATION

(71) DURISOL-RAALTE B.V. [NL/NL]; Almlosestraat 83, NL-8102 HC Raalte (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WALTER, Reinhard [DE/DE]; August Bebelstrasse 10a, 99706 Sondershausen (DE). VELDHOEN, Arend, Johan [NL/NL];

- Burg. Kerssemakersstraat 55, NL-8101 AM Raalte (NL).
- (74) **PRINS, Hendrik, Willem; Arnold & Siedsma, Sweelinkplein 1, NL-2517 GK The Hague (NL).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C04B 35/50, H01M 8/12
- (11) WO 2004/089848 (13) A1
- (21) PCT/GB2004/001293
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) en (26) en
- (30) 0308215.3 9 Apr/avr 2003 GB (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DENSIFICATION OF CERIA BASED ELECTROLYTES
• DENSIFICATION D'ELECTROLYTES A BASE D'OXYDES DE CERIUM
- (71) CERES POWER LIMITED [GB/GB]; Unit 18, Denvale Trade Park, Haslett Avenue East, Crawley, West Sussex RH10 1SS (GB). (for all designated States except / pour tous les États désignés sauf US)
- (72) STEELE, Brian, Charles, Hilton (deceased / décédé).
- (72, 75) LEWIS, Gene [GB/GB]; 54 Moriarty Close, London N7 0EF (GB). OISHI, Naoki [GB/GB]; Flat 128 West Kensington Court, Edith Villas, London W14 9AD (GB). SELCUK, Ahmet [GB/GB]; 11 Southdown Close, Horsham, West Sussex RH12 4LD (GB).
- (74) ILLINGWORTH-LAW, William, Illingworth 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C04B 35/573, 37/00, 41/50, C22C 29/06
- (11) WO 2004/089849 (13) A1
- (21) PCT/EP2003/003840
- (22) 14 Apr/avr 2003 (14.04.2003)
- (25) en (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD OF MANUFACTURING A DIAMOND COMPOSITE BODY HAVING A MODIFIED OUTER SURFACE
• PROCEDE DE FABRICATION D'UN CORPS COMPOSITE CONTENANT DU DIAMANT, A SURFACE EXTERNE MODIFIEE
- (71) SKELETON TECHNOLOGIES AG [CH/CH]; Zugerstrasse 72, CH-6340 Baar (CH). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZHENG, Jie [SE/SE]; Hagalundsgatan 14, S-169 63 Solna (SE). ROSTVALL, Tomas [SE/SE]; Selmedalsringen 8, S-129 36 Rågersten (SE).
- (74) ALBIHNS STOCKHOLM AB et al. / etc.; P.O. Box 5581, S-114 85 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C04B 35/573, 41/50, 35/52, C22C 26/00
- (11) WO 2004/089850 (13) A2
- (21) PCT/EP2004/050367
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 0301117-8 14 Apr/avr 2003 SE (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A METHOD FOR MANUFACTURING A DIAMOND COMPOSITE
• PROCEDE DE FABRICATION D'UN COMPOSITE DE DIAMANTS
- (71) SKELETON TECHNOLOGIES AG [CH/CH]; Zugerstrasse 72, CH-6340 Baar (CH). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SVENDSEN, Lena [SE/SE]; Zinkens väg 65, S-117 41 Stockholm (SE). ZHENG, Jie [SE/SE]; Hagalundsgatan 14, S-169 63 Solna (SE). MEURLING, Fredrik [SE/SE]; Wollmaryxkullsgatan 11, S-118 50 Stockholm (SE). ROSTVALL, Tomas [—/SE]; Selmedalsringen 8, S-129 36 Hägersten (SE).
- (74) ALBIHNS STOCKHOLM AB 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ C04B 40/00 // (C04B 40/00, 24:26, 24:32, 24:42)
- (11) WO 2004/089852 (13) A1
- (21) PCT/EP2004/002255
- (22) 5 Mar/mar 2004 (05.03.2004)
- (25) en (26) en
- (30) 0307948.0 7 Apr/avr 2003 GB (07.04.2003)
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COMPOSITION
• COMPOSITION
- (71) CONSTRUCTION RESEARCH & TECHNOLOGY GMBH [DE/DE]; Patente, Marken, Dr.-Albert-Frank-Strasse 32, 83303 Trostberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZAMPINI, Davide [DE/DE]; Hoeweg 4, CH-2552 Orpun (CH). WEIBEL, Martin [CH/CH]; Meientalstrasse 67, CH-8048 Zürich (CH). WALLISER, André [CH/CH]; Vereinshausstrasse 5, CH-4133 Pratteln (CH). OPPLIGER, Max [CH/CH]; Burggelder-mattweg 59, CH-4123 Allschwil (CH).
- (74) CONSTRUCTION RESEARCH & TECHNOLOGY GMBH; Patente, Marken, Dr.-Albert-Frank-Strasse 32, 83308 Trostberg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C06B 25/34, 21/00
- (11) WO 2004/089853 (13) A1
- (21) PCT/EP2003/006784
- (22) 26 Jun/juin 2003 (26.06.2003)
- (25) de (26) de
- (30) 103 16 997.0 11 Apr/avr 2003 DE (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR PRODUCING INSENSITIVE HEXOGENE
• PROCEDE POUR PREPARER DE L'HEXOGENE INSENSIBLE
- (71) DIEHL MUNITIONSSYSTEME GMBH & CO. KG [DE/DE]; Fischbachstr. 16, 90552 Röthenbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOFMANN, Heinz [DE/DE]; Bondorf 1, 91220 Schnaittach (DE). RUDOLF, Karl [DE/DE]; Georg-Hitl-Str. 8, 86529 Schrobenhausen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ C07B 61/00
- (11) WO 2004/089855 (13) A2
- (21) PCT/DK2004/000238
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) PA 2003 00524 7 Apr/avr 2003 DK (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A METHOD OF CHEMICALLY MODIFYING CHEMICAL COMPOUNDS
• PROCEDE DE MODIFICATION CHIMIQUE DE COMPOSES CHIMIQUES
- (71) NKT RESEARCH & INNOVATION A/S [DK/DK]; Blokken 84, DK-3460 Birkerød (DK).
- NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07B 37/08, C07C 67/333, 51/353, C11C 3/14
- (11) WO 2004/089854 (13) A1
- (21) PCT/EP2004/003068
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) en (26) en
- (30) 10/412,201 11 Apr/avr 2003 US (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METAL ION EXCHANGED SOLID MATERIALS AS CATALYST FOR THE SKELETAL ISOMERIZATION OF FATTY ACIDS AND ALKYLESTERS THEREOF
• MATIERES SOLIDES A IONS METAL ECHANGES UTILISEES EN TANT QUE CATALYSEURS POUR L'ISOMERISATION DE SQUELETTE D'ACIDES GRAS ET D'ESTERS ALKYL- LIQUES DE CEUX-CI
- (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) ZHANG, Zongchao [US/US]; 40 Somerset Road, Norwood, NJ 07649 (US). ZHANG, Shuguang [CN/US]; 31 Edge-wood Park, New Rochelle, NY 10801 (US).
- (74) SCHALKWIJK, Pieter, Cornelis; Akzo Nobel N.V., Intellectual Property Department (Dept. AIP), P.O. Box 9300, NL-6800 SB Arnhem (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KARTHÄUSER, Joachim [DE/SE]; Malusgatan 6, S-212 32 Malmö (SE).
- (74) ANETTE HEGNER, GROUP IP; NKT Research & Innovation A/S, Blokken 84, DK-3460 Birkerød (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07C
- (11) WO 2004/089856 (13) A2
- (21) PCT/EP2004/003690
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) de (26) de
- (30) 60/461,136 9 Apr/avr 2003 US (09.04.2003)
- (30) 103 16 465.0 9 Apr/avr 2003 DE (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR THE HETEROGENEOUSLY CATALYZED PARTIAL DIRECT OXIDATION OF PROPANE AND/OR ISOBUTANE
• PROCEDE D'OXYDATION DIRECTE PARTIELLE CATALYSEE HETEROGENE DE PROPANE ET/OU D'ISO-BUTANE
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MACHHAMMER, Otto [AT/DE]; Schwarzwaldstrasse 25, 68163 Mannheim (DE). CRONE, Sven [DE/DE]; Mühlweg 44, 67117 Linburgerhof (DE). BORGMEIER, Frieder [DE/DE]; Bellenstrasse 44, 68163 Mannheim (DE). MÜLLER-ENGEL, Klaus, Joachim [DE/DE]; Bahnhofstrasse 82, 76297 Stutensee (DE). ADAMI, Christoph [DE/DE]; Bischofsgasse 6, 69469 Weinheim (DE). DIEFENBACHER, Armin [DE/DE]; Mozartstrasse 31, 76726 Germer-sheim (DE).
- (74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C

(11) WO 2004/089857 (13) A2

(21) PCT/US2004/011663

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/460,292 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYNTHESIS OF FUNCTIONAL POLYMERS FOR USE IN ORGANIC SYNTHESIS AND COMBINATORIAL CHEMISTRY

• SYNTHÈSE DE POLYMERES FONCTIONNELS DESTINES A LA SYNTHÈSE ORGANIQUE ET A LA CHIMIE COMBINATOIRE

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LINDSLEY, Craig, W. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). WISNOSKI, David, D. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).

(74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 5/327, 45/35, 51/25, 253/26

(11) WO 2004/089858 (13) A1

(21) PCT/EP2004/003557

(22) 3 Apr/avr 2004 (03.04.2004)

(25) de (26) de

(30) 103 16 039.6 7 Apr/avr 2003 DE (07.04.2003)

(30) 60/476,166 6 Jun/juin 2003 US (06.06.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR THE PRODUCTION OF AT LEAST ONE PARTIAL OXIDATION AND/OR AMMOXYDATION PRODUCT OF A HYDROCARBON

• PROCÈDE DE PRODUCTION D'AU MOINS UN PRODUIT D'AMMOXYDATION ET/OU

D'OXYDATION PARTIELLE D'UN HYDROCARBURE

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

(72, 75) SCHINDLER, Götz-Peter [DE/DE]; Schauenburgweg 9, 68219 Mannheim (DE). MACHHAMMER, Otto [AT/DE]; Schwarzwaldstrasse 25, 68163 Mannheim (DE). MÜLLER-ENGEL, Klaus, Joachim [DE/DE]; Bahnhofstrasse 82, 76297 Stutensee (DE). HECHLER, Claus [DE/DE]; Taubenstrasse 21, 67063 Ludwigshafen (DE). PETZOLDT, Jochen [DE/DE]; Dackenheim Weg 5, 67273 Weisenheim am Berg (DE). ADAMI, Christoph [DE/DE]; Bischofsgasse 6, 69469 Weinheim (DE). HARTH, Klaus [DE/DE]; Starenweg 6, 67317 Altleiningen (DE).

(74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 7/09

(11) WO 2004/089859 (13) A2

(21) PCT/FR2004/050112

(22) 17 Mar/mar 2004 (17.03.2004)

(25) fr (26) fr

(30) 0304192 4 Apr/avr 2003 FR (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR REMOVAL OF A SOLVENT CONTAINED IN ACETYLENE AND UNIT FOR CARRYING OUT SAID METHOD

• PROCÈDE D'ÉLIMINATION D'UN SOLVANT CONTENU DANS L'ACÉTYLÈNE. INSTALLATION POUR LA MISE EN ŒUVRE DU PROCÈDE

(71) L'AIR LIQUIDE SOCIÉTÉ ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÈDES 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) DELCORSO, Fabrice [FR/FR]; 2 Parc de la Diane, F-78350 JOUY-EN-JOSAS (FR).

(74) CONAN, Philippe; L'AIR LIQUIDE SA, 75 Quai d'Orsay, F-75321 PARIS CEDEX 07 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 17/25, 21/06, B01J 19/24

(11) WO 2004/089860 (13) A1

(21) PCT/EP2004/002763

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 103 16 987.3 11 Apr/avr 2003 DE (11.04.2003)

(30) 103 26 248.2 6 Jun/juin 2003 DE (06.06.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • APPARATUS AND PROCESS FOR THE PRODUCTION OF VINYL CHLORIDE BY THERMAL CRACKING OF 1,2-DICHLOROETHANE

• APPAREIL ET PROCÈDE DE PRODUCTION DE CHLORURE DE VINYLE PAR CRAQUAGE THERMIQUE DE 1,2-DICHLOROETHANE

(71) VINNOLIT GMBH & CO. KG [DE/DE]; Profit-Center VinTec, Werk Gendorf, 84504 Burgkirchen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAMMERHOFER, Peter [DE/DE]; Ortlehner Strasse 48, 84508 Burgkirchen (DE). MIELKE, Ingolf [DE/DE]; Hochstauferstrasse 16, 84508 Burgkirchen (DE). SCHWARZMAIER, Peter [DE/DE]; Billerstrasse 10, 84556 Kastl (DE).

(74) FORSTMAYER, Dietmar et al. / etc.; Boeters & Lieck, Bereiteranger 15, 81541 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 45/59

(11) WO 2004/089861 (13) A1

(21) PCT/IB2004/001153

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) PCT/IB03/01426 10 Apr/avr 2003 IB (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROCESS FOR THE DIRECT CONVERSION OF LACTONES INTO UNSATURATED KETONES OR ALDEHYDES

• PROCEDE DE CONVERSION DIRECTE DE LACTONES EN CETONES OU ALDEHYDES INSATURES

(71) FIRMENICH SA [CH/CH]; 1, route des Jeunes, P. O. Box 239, CH-1211 GENEVA 8 (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAEF, Ferdinand [CH/CH]; 6, chemin Charles Poluzzi, CH-1227 CAROUGE (CH). GIERSCH, Wolfgang [DE/CH]; 323, rue de Bernex, CH-1233 BERNEX (CH).

(74) SALVATERRA-GARCIA, Maria de Lurdes; FIRMENICH SA, 1, route des Jeunes, P. O. Box 239, CH-1211 GENEVA 8 (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07C 49/00

(11) WO 2004/089862 (13) A2

(21) PCT/US2004/009973

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,731 2 Apr/avr 2003 US (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MULTIFUNCTIONAL UNSYMMETRICALLY SUBSTITUTED MONOMERS AND POLYARYLENE COMPOSITIONS THEREFROM

• MONOMERES MULTIFONCTIONNELS SUBSTITUES DE FAÇON DISYMETRIQUE ET COMPOSITIONS DE POLYARYLENE COMPRENANT CES MONOMERES

(71) DOW GLOBAL TECHNOLOGIES INC. [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GODSCHALX, James, P. [US/US]; 2205 Plymouth Street, Midland, MI 48642 (US). HEFNER, Robert, E., Jr. [US/US]; 109 Wedgewood, Lake Jackson, TX 77566 (US). NIU, Jason, Q. [US/US]; 305 West Chapel Lane, Midland, MI 48640 (US). SILVIS, H., Craig [US/US]; 1908 Candlestick Lane, Midland, MI 48642 (US).

(74) DELINE, Douglas, N.; The Dow Chemical Company, Intellectual Property Section, P.O. Box 1967, Midland, MI 48674-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 51/08, 149/20, 319/20

(11) WO 2004/089863 (13) A1

(21) PCT/EP2004/003208

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 103 16 110.4 9 Apr/avr 2003 DE (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROCESS FOR THE PRODUCTION OF 2-HYDROXY-4-METHYLTHIOBUTYRIC ACID AMMONIUM SALT

• PROCEDE POUR PRODUIRE UN SEL D'AMMONIUM D'ACIDE 2-HYDROXY-4-METHYLTHIOBUTYRIQUE

(71) DEGUSSA AG [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEIGEL, Horst [DE/DE]; Ahornweg 11, 63517 Rodenbach (DE). WECK-BECKER, Christoph [DE/DE]; August-Imhof-Strasse 25, 63584 Gründau-Lieblos (DE). HUTHMACHER, Klaus [DE/DE]; Lärchenweg 18, 63571 Gelnhausen (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C07C 67/03, 69/52, 67/54, C08G 63/181, 63/183, 63/189, B01D 47/12, 47/14

(11) WO 2004/089864 (13) A1

(21) PCT/EP2004/003691

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) 103 16 466.9 9 Apr/avr 2003 DE (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COOLING AND PURIFICATION OF GAS STREAMS

• REFROIDISSEMENT ET EPURATION DE FLUX GAZEUX

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HECKMANN, Manfred [DE/DE]; Mosbacher Str. 73, 68259 Mannheim (DE). HÖLEMANN, Karl [DE/DE]; Sentastr. 37, 68199 Mannheim (DE). LÖNING, Jan-Martin [DE/DE]; Wenjenstr. 33, 67251 Freinsheim (DE). HEITZ, Thomas [DE/DE]; Lessingstrasse 15, 67125 Dannstadt-Schauernheim (DE).

(74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 67/38, 69/24

(11) WO 2004/089865 (13) A1

(21) PCT/IB2004/050368

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 2003/2919 11 Apr/avr 2003 ZA (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CARBONYLATION PROCESS

• PROCESSUS DE CARBONYLATION

(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) GREEN, Michael, James [GB/ZA]; 10 Robin Drive, Fourways, Witkoppen, 2919 Johannesburg (ZA). CROUS, Renier [ZA/ZA]; 6 El Manor, Delius Street SW5, 1911 Vanderbijlpark (ZA).

(74) D M Kisch INC; P.O. Box 781218, 2146 Sandton (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C07C 68/06, 29/12, 29/09, 31/20, C07D
317/36

(11) WO 2004/089866 (13) A1

(21) PCT/EP2004/050480

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 03252261.7 9 Apr/avr 2003 EP
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROCESS FOR THE PREPARATION OF
ALKANEDIOL

• PROCEDE DE PREPARATION D'UN
ALCANEDIOL

(71) SHELL INTERNATIONALE RE-
SEARCH MAATSCHAPPIJ B.V.
[NL/NL]; Carel van Bylandtlaan 30, NL-2596
HR The Hague (NL).

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(72, 75) HARMSSEN, Gerrit, Jan [NL/NL];
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(NL). VROUWENVELDER, Cornelis,
Leonardus, Maria [NL/NL]; Badhuisweg 3,
NL-1031 CM Amsterdam (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C07C 69/00

(11) WO 2004/089867 (13) A2

(21) PCT/HU2004/000035

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) P 0300941 10 Apr/avr 2003 HU
(10.04.2003)

(30) P 0400351 4 Feb/fév 2004 HU
(04.02.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROCESS FOR THE PREPARATION OF
DIALKYL 3-OXOGLUTARATES

• PROCEDE DE PREPARATION DE
DIALKYL-3-OXOGLUTARATES

(71) EGIS GYÓGYSZERGYÁR RT. [HU/HU];
Keresztúri út 30-38, H-1106 Budapest (HU).
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les États désignés sauf US)

(72, 75) JÁKFALVI, Elemér [HU/HU]; Pozsony
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BOROS, Livia [HU/HU]; Vágóhid u. 7.,

H-2141 Csömör (HU). MÓRÁSZ, Tamás
[HU/HU]; Magyarvár u. 18., H-1163 Bu-
dapest (HU). TÓTH, Gábor [HU/HU];
Mátyás király u. 47., H-2081 Piliscsaba
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28/A, H-2337 Délegyháza (HU). TÖREKI,
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Kistarcsa (HU). OLÁH, Sándor [HU/HU];
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(74) ADVOPATENT; Office of Patent and Trade-
mark Attorneys, P.O. Box 11, H-1251 Bu-
dapest (HU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C07C 69/30, C07D 309/30

(11) WO 2004/089868 (13) A1

(21) PCT/US2004/009976

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,352 1 Apr/avr 2003 US
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AMORPHOUS SIMVASTATIN CAL-
CIUM AND METHODS FOR THE
PREPARATION THEREOF

• CALCIUM DE SIMVASTATINE
AMORPHE ET PROCEDES DE PREPA-
RATION ASSOCIES

(71) PLUS CHEMICALS, B.V. [NL/NL]; Indus-
trieweg 23, NL-3841 RK Mijdrecht (NL).

(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) KORODI, Ferenc [HU/HU]; Hadhazi út
147, H-4028 Debrecen (HU). FEHER, Erika
[HU/HU]; Kishgyesi út 6, H-4031 Debrecen
(HU). SZABO, Csaba [HU/HU]; Tozser
u.1, H-4031 Debrecen (HU). BODI, Istvan
[HU/HU]; Dozsa str. 22/A, H-4060 Bal-
mazuvaros (HU). KOVACSNE-MEZEI,
Adrienne [HU/HU]; Karoli Gaspar Str.252,
H-4032 Debrecen (HU).

(74) BRAINARD, Charles, R. 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ C07C 69/66, A61K 47/30, 47/14, C12P
7/62

(11) WO 2004/089869 (13) A1

(21) PCT/SE2004/000572

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 0301119-4 14 Apr/avr 2003 SE
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NEW NON-IONIC SURFACTANTS
FOR SOLUBILIZING POORLY SOLU-
BLE MOLECULES

• NOUVEAUX TENSIOACTIFS NON IO-
NIQUES DESTINES A SOLUBILISER
DES MOLECULES FAIBLEMENT SO-
LUBLES

(71) ASTRAZENECA AB [SE/SE]; S-151 85
Södertälje (SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CORSWANT, Christian von [SE/SE];
AstraZeneca R & D Mölndal, S-431 83 Möl-
ndal (SE). HULT, Karl [SE/SE]; Kungliga
Tekniska Högskolan, AlbaNova Univer-
sitetssentrum, Institutionen för bioteknologi,
S-106 91 Stockholm (SE). SÖDERLIND,
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S-431 83 Mölndal (SE). VIKLUND, Fredrik
[SE/SE]; Kungliga Tekniska Högskolan, Al-
baNova Universitetssentrum, Institutionen
för bioteknologi, S-106 91 Stockholm (SE).

(74) ASTRAZENECA AB; Global Intellectual
Property, S-151 85 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK

TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C07C 209/00

(11) WO 2004/089870 (13) A2

(21) PCT/US2004/010417

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/459,973 4 Apr/avr 2003 US (04.04.2003)

(30) 10/815,578 31 Mar/mar 2004 US (31.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DIPHENYLAMINE ALKYLATED WITH OLEFIN MIXTURES CONTAINING FRACTIONS WITH VARYING DEGREES OF ACTIVITY

• DIPHENYLAMINE ALKYLEE COMPRENANT DES MELANGES D'OLEFINES QUI CONTIENNENT DES FRACTIONS A DEGRES D'ACTIVITE VARIABLES

(71) CROMPTON CORPORATION [US/US]; Benson Road, Middlebury, CT 06749 (US).

(72, 75) DUYCK, Karl, J. [US/US]; 150 Forest Ridge Road, Waterbury, CT 06708 (US). LAMBERT, Timothy, L. [US/US]; 678 Providence Lane, Lindenhurst, IL 60046 (US).

(74) DILWORTH, Michael, P.; Crompton Corporation, Benson Road, Middlebury, CT 06749 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 215/44, 213/10, C07B 57/00

(11) WO 2004/089871 (13) A1

(21) PCT/JP2003/004512

(22) 9 Apr/avr 2003 (09.04.2003)

(25) ja (26) ja

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TRANS-2-[(α-METHYLBENZYL)AMINO]CYCLOPENTANOL BEING PURE AS DIASTEREISOMER

• TRANS-2-[(SG(A)-METHYLBENZYL)AMINO]CYCLOPENTANOL PUR COMME UN DIASTEREISOMERE

(71) TAMA KAGAKU KOGYO CO., LTD. [JP/JP]; 29 Shin-machi, Yashio-shi, Saitama 340-0807 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IGARASHI, Yoshio [JP/JP]; c/o TAMA KAGAKU KOGYO CO., LTD., 29

Shin-machi, Yashio-shi, Saitama 340-0807 (JP). NOBESHIMA, Hirobumi [JP/JP]; c/o TAMA KAGAKU KOGYO CO., LTD., 29 Shin-machi, Yashio-shi, Saitama 340-0807 (JP). OKAWA, Masaki [JP/JP]; c/o TAMA KAGAKU KOGYO CO., LTD., 29 Shin-machi, Yashio-shi, Saitama 340-0807 (JP).

(74) TAKAGI, Chiyoshi et al. / etc.; Kojimachi Koyo Bldg., 10, Kojimachi 1-chome, Chiyoda-ku, Tokyo 102-0083 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C07C 217/62, A61K 31/135, C07C 213/10, A61P 13/00

(11) WO 2004/089872 (13) A1

(21) PCT/EP2004/003567

(22) 3 Apr/avr 2004 (03.04.2004)

(25) de (26) de

(30) 103 15 917.7 8 Apr/avr 2003 DE (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HIGHLY PURE BASES OF 3,3-DIPHENYL PROPYLAMINE MONOESTERS

• BASES DE GRANDE PURETÉ DE MONOESTERS DE 3,3-DIPHÉNYLPROPYLAMINE

(71) SCHWARZ PHARMA AG [DE/DE]; Alfred-Nobel-Strasse 10, 40789 Monheim (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BREITENBACH, Armin [DE/DE]; Opladener Strasse 108, 40789 Monheim (DE). MEISE, Claus [DE/DE]; Kreuzberger Str. 50, 40789 Monheim (DE). WOLFF, Hans-Michael [DE/DE]; Richard-Wagner-Strasse 2, 40789 Monheim (DE). DREWS, Roland [DE/DE]; Ulmenweg 24, 40789 Monheim (DE).

(74) SCHWARZ PHARMA AG; Schacht, D., W., Alfred-Nobel-Strasse 10, 40789 Monheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN

TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C07C 221/00, 225/16

(11) WO 2004/089873 (13) A1

(21) PCT/EP2004/050495

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) MI2003A000762 11 Apr/avr 2003 IT (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROCESS FOR CRYSTALLISING BUPROPION HYDROCHLORIDE

• PROCEDE DE CRISTALLISATION D'HYDROCHLORURE DE BUPROPION

(71) ERREGIERRE S.P.A. [IT/IT]; Via F. Baracca, 19, I-24060 San Paolo D'Argon (IT).

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(72, 75) FERRARI, Massimo [IT/IT]; Via Antonio Locatelli, 7, I-24069 Cenate Sotto (IT). DE LUCA, Florindo [IT/IT]; Via Vittorio Veneto, 32, I-20043 Arcore (IT). LOMBARDI, Fiorella [IT/IT]; Via Pindemonte, 15, I-20052 Monza (IT).

(74) GERVASI, Gemma; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria, 9, I-20122 Milan (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C07C 233/65, 233/67, 311/13, C07D 207/06, 265/30, 271/10, A61K 31/165, 31/40, 31/4245, A61P 29/00

(11) WO 2004/089874 (13) A1

(21) PCT/EP2004/003774

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 0308186.6 9 Apr/avr 2003 GB (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BIPHENYL CARBOXYLIC AMIDE P38 KINASE INHIBITORS

- AMIDE BIPHENYLE CARBOXYLIQUE UTILISES EN TANT QU'INHIBITEURS DE LA KINASE P38
- (71) SMITHKLINE BEECHAM CORPORATION [US/US]; One Franklin Plaza, PO Box 7929, Philadelphia, PA 19101 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ASTON, Nicola, Mary [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB).
BAMBOROUGH, Paul [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB).
JONES, Katherine, Louise [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB).
PATEL, Vipulkumar, Kantibhai [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB).
SWANSON, Stephen [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB).
WALKER, Ann, Louise [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB).
- (74) GLADWIN, Amanda, Rachel; GlaxoSmithKline, CIP (CN925.1), 980 Great West Road, Brentford Middlesex TW8 9GS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C07C 233/76, 255/24, 255/25, 255/45, 317/28, 321/14, C07D 205/04, 207/06, A61K 31/166, 31/277, 31/397, 31/40, A61P 17/06, 25/16, 29/00
- (11) WO 2004/089876 (13) A1
- (21) PCT/EP2004/003773
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 0308185.8 9 Apr/avr 2003 GB (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • BIPHENYL CARBOXYLIC AMIDE DERIVATIVES AS P38 KINASE INHIBITORS
• DERIVES D'AMIDE BIPHENYL CARBOXYLIQUE UTILISES EN TANT QU'INHIBITEURS DE LA KINASE P38
- (71) SMITHKLINE BEECHAM CORPORATION [US/US]; One Franklin Plaza, PO Box 7929, Philadelphia, Pennsylvania 19101 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ASTON, Nicola, Mary [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB).
- (74) GLADWIN, Amanda, Rachel; GlaxoSmithKline, Corporate Intellectual Property, 980 Great West Road, Brentford Middlesex TW8 9GS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (51)⁷ C07C 253/08, C07B 53/00, C07D 277/14, 495/04
- (11) WO 2004/089878 (13) A1
- (21) PCT/JP2004/004786
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) ja (26) ja
- (51)⁷ C07C 237/04, 233/25, A61K 31/167, A61P 29/00
- (11) WO 2004/089877 (13) A1
- (21) PCT/SE2004/000573
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) en (26) en
- (30) 0301120-2 14 Apr/avr 2003 SE (14.04.2003)
- (30) 0400102-0 19 Jan/jan 2004 SE (19.01.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • NEW HYDROXYNAPHTHYL AMIDES
• HYDROXYNAPHTHYLAMIDES
- (71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BESIDSKI, Yevgeni [SE/SE]; AstraZeneca R & D Södertälje, S-151 85 Södertälje (SE).
ROTTICCI, Didier [FR/SE]; AstraZeneca R & D Södertälje, S-151 85 Södertälje (SE).
JOHNSTONE, Shawn [CA/CA]; AstraZeneca R & D Montreal, 7171 Fredrick-Banting, St. Laurent, Québec H4S 1Z9 (CA).
- (74) GLOBAL INTELLECTUAL PROPERTY; AstraZeneca AB, S-151 85 Södertälje (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(30) 2003-098713 **2 Apr/avr 2003** JP
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROCESS FOR PRODUCING OPTICALLY ACTIVE α -AMINONITRILE COMPOUND

• PROCEDE DE PRODUCTION D'UN COMPOSE ALPHA-AMINONITRILE OPTIQUEMENT ACTIF

(71) TANABE SEIYAKU CO., LTD. [JP/JP]; 2-10, Dosho-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 5418505 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEKI, Masahiko

(74) TSUKUNI, Hajime; SVAX TS Bldg., 22-12, Toranomom 1-chome, Minato-ku, Tokyo 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 253/30, 255/07

(11) WO 2004/089879 (13) A1

(21) PCT/JP2004/003659

(22) 18 Mar/mar 2004 (18.03.2004)

(25) ja (26) ja

(30) 2003-100564 **3 Apr/avr 2003** JP
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROCESS FOR PRODUCTION OF NITRILE COMPOUNDS

• PROCEDE DE PRODUCTION DE COMPOSES A BASE DE NITRILE

(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) MAYAHARA, Kunio [JP/JP]; c/o Kuraray Co., Ltd., 2-28, Kurashiki-cho, Nakajo-machi, Kitakanbara-gun, Niigata 959-2681 (JP). MORI, Toshiki [JP/JP]; c/o Kuraray Co., Ltd., 2-28, Kurashiki-cho, Nakajo-machi, Kitakanbara-gun, Niigata 959-2681 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 271/12, 271/28, 271/44, 269/04, A61K 31/46, C11B 9/00

(11) WO 2004/089880 (13) A2

(21) PCT/CH2004/000227

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 0308512.3 **14 Apr/avr 2003** GB
(14.04.2003)

(30) 0308686.5 **15 Apr/avr 2003** GB
(15.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ORGANIC COMPOUNDS

• COMPOSES ORGANIQUES

(71) GIVAUDAN SA [CH/CH]; Chemin de la Parfumerie 5, CH-1214 Vernier (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FLACHSMANN, Felix [CH/CH]; Saatlenstrasse 9, CH-8051 Zürich (CH). BACHMANN, Jean-Pierre [CH/CH]; Holzmoosrütisteig 4, CH-8820 Wädenswil (CH).

(74) MCSTEA, John, Anthony; Givaudan Schweiz AG, Global Patents, Überlandstrasse 138, CH-8600 Dübendorf (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 275/28, 275/04, 303/28, 309/63, 309/65, 309/66, 237/04, A61K 31/17, 31/167, 31/255, A61P 29/00

(11) WO 2004/089881 (13) A1

(21) PCT/SE2004/000574

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 0301120-2 **14 Apr/avr 2003** SE
(14.04.2003)

(30) 0400102-0 **19 Jan/jan 2004** SE
(19.01.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NEW SULFONYL DERIVATIVES OF AMINONAPHTOLS

• DERIVES SULFONYLE D'AMINONAPHTOLS

(71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BESIDSKI, Yevgeni [SE/SE]; AstraZeneca R & D Södertälje, S-151 85 Södertälje (SE). NYSTRÖM, Jan-Erik [SE/SE]; AstraZeneca R & D Södertälje, S-151 85 Södertälje (SE).

(74) GLOBAL INTELLECTUAL PROPERTY; AstraZeneca AB, S-151 85 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C07C 311/00

(11) WO 2004/089882 (13) A2

(21) PCT/EP2004/003686

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 10/410,594 **10 Apr/avr 2003** US
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AROMATIC SULFONAMIDES AS PEROXYNITRILE-REARRANGEMENT CATALYSTS

• SULFONAMIDES AROMATIQUES CONVENANT COMME CATALYSEURS D'INTERESTERIFICATION PEROXYNITRITIQUE

(71) SCHERING AKTIENGESELLSCHAFT [DE/DE]; Müllerstrasse 178, 13353 Berlin (DE).

(72) BLUME, Thorsten; Tschairowskystrasse 16, 16552 Schildow (DE). NEUHAUS, Roland; Grimmstrasse 22, 12305 Berlin (DE). SÜLZLE, Detlev; Scheinerweg 4, 10589 Berlin (DE). PRIBILLA, Iris; 7, Impasse Beausoleil, F-30400 Villeneuve (FR). DEPKE, Gisbert; Monumentenstrasse 32 a, 10829 Berlin (DE). BECKMAN, Joseph, S.; 4010 Northwest Dale Drive, Corvallis, OR 97330 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07C 315/04, 317/22, B41M 5/30
- (11) WO 2004/089883 (13) A1
- (21) PCT/JP2004/004719
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) ja (26) ja
- (30) 2003-100352 3 Apr/avr 2003 JP (03.04.2003)
- (30) 2003-306348 29 Aug/août 2003 JP (29.08.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR PRODUCING 3,3'-DIALLYL-4,4'-DIHYDROXYDIPHENYL-SULFONE
- METHODE DE PRODUCTION DE 3,3'-DIALLYLE-4,4'-DIHYDROXYDIPHENYLSULFONE
- (71) SANKO CHEMICAL INDUSTRY CO., LTD. [JP/JP]; 3-8-5, Hon-cho, Nihonbashi, Chuo-ku, Tokyo 1030023 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) YANAGIDA, Shozo [JP/JP]; 2-10-13, Uguisudai, Kawanishi-shi, Hyogo 6660133 (JP).
- (72, 75) ENOKIDA, Hirotaka [JP/JP]; Primrose B-102, 2156-2 Kurami, Samukawa-machi, Kouza-gun, Kanagawa 2530101 (JP). FUJIMOTO, Masaki [JP/JP]; 4393-1, Tozuka, Kawaguchi-shi, Saitama 3330811 (JP). NAKAMURA, Katsunori [JP/JP]; 1301 2-bankan, City veil Fujimino 1411, Katsuse, Fujimi-shi, Saitama 3540031 (JP). YAMAMOTO, Tetsushi [JP/JP]; 3-1-23-203, Onohara Higashi, Minoo-shi, Osaka 5620031 (JP). WADA, Yuji [JP/JP]; 2-2-6-643, Nishimidorigaoka, Toyonaka-shi, Osaka 5600005 (JP).
- (74) SAEKI, Norio; 9th Floor, Taka-ai Building, 15-2, Nihonbashi 3-chome, Chuo-ku, Tokyo 1030027 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07C 317/22, 317/28, 59/48, C07D 215/18, 239/24, 213/71, A61K 31/10, 31/192
- (11) WO 2004/089885 (13) A1
- (21) PCT/SE2004/000535
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 0301010-5 7 Apr/avr 2003 SE (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • NOVEL COMPOUNDS
- NOUVEAUX COMPOSES
- (71) ASTRAZENECA AB [SE/SE]; Södertälje, 151 85 (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PAIRAUDEAU, Garry [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB). RASUL, Rukhsana [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB). THOM, Stephen [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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 317/22, 317/28, 59/48, C07D 213/79, 213/80, A61K 31/435, 31/22, A61P 31/04
- (11) WO 2004/089886 (13) A1
- (21) PCT/EP2004/003783
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 0308114.8 8 Apr/avr 2003 GB (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PLEUROMUTILIN DERIVATIVES, PROCESS FOR THEIR PREPARATION AND USES THEREOF
- DERIVES DE PLEUROMUTILINE, LEUR METHODE DE PREPARATION ET LEURS UTILISATIONS
- (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) BROWN, Pamela [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow Essex CM19 5AW (GB). HUNT, Eric [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow Essex CM19 5AW (GB).

(74) **GLADWIN, Amanda, Rachel**; Glaxo-SmithKline, CIP (CN925.1), 980 Great West Road, Brentford Middlesex TW8 9GS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07C 403/20

(11) **WO 2004/089887** (13) A1

(21) PCT/EP2004/003493

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 03008020.4 **11 Apr/avr 2003** EP
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROCESS FOR THE PRODUCTION OF 9-CIS RETINOIC ACID

• PROCEDE POUR PRODUIRE DE L'ACIDE 9-CIS RETINOIQUE

(71) **F. HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SOUKUP, Milan** [CZ/CH]; Efeuweg 5, CH-4103 Bottmingen (CH). **THOMESSEN, Rolf** [DE/DE]; Schillerstrasse 6, 79102 Freiburg (DE).

(74) **RAUBER, Beat**; Grenzacherstrasse 124, CH-4070 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51) C07D

(11) **WO 2004/089888** (13) A1

(21) PCT/EP2004/002352

(22) **8 Mar/mar 2004 (08.03.2004)**

(25) de (26) de

(30) 103 15 571.6 **5 Apr/avr 2003** DE
(05.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PYRAZOLE COMPOUNDS

• COMPOSES PYRAZOLE

(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) **SCHADT, Oliver** [DE/DE]; Eschenstrasse 22, 63517 Rodenbach (DE). **SCHIEMANN, Kai** [DE/DE]; Am Rödergraben 8, 64342 Seeheim-Jugenheim (DE). **VAN AMSTERDAM, Christoph** [DE/DE]; Schepp-Allee 47, 64295 Darmstadt (DE). **BARTOSZYK, Gerd** [DE/DE]; Kreuzstrasse 57, 64331 Weiterstadt (DE). **SEYFRIED, Christoph** [DE/DE]; Mathildenstrasse 6, 64342 Seeheim-Jugenheim (DE).

(74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D

(11) **WO 2004/089889** (13) A2

(21) PCT/EP2004/003689

(22) **7 Apr/avr 2004 (07.04.2004)**

(25) de (26) de

(30) 103 17 051.0 **11 Apr/avr 2003** DE
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR THE PRODUCTION OF RIBOFLAVIN OF MODIFICATION B/C IN GRANULAR FORM

• PROCEDE DE PRODUCTION DE RIBOFLAVINE DE LA MODIFICATION B/C SOUS FORME DE GRANULES

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRANKE, Dirk** [DE/DE]; Albrecht-Dürer-Str. 21a, 67134 Birkenheide (DE). **HILL, Friedrich** [DE/DE]; Auf der Höhe 63b, 67149 Meckenheim (DE). **MARTIN, Christoph** [DE/DE]; Kolpingstr. 6, 68165 Mannheim (DE). **KNEBEL, Thomas** [DE/DE]; Gartenstr.4b, 67105 Schifferstadt (DE).

(74) **BASF AKTIENGESELLSCHAFT**; 67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D

(11) **WO 2004/089890** (13) A2

(21) PCT/US2004/009909

(22) **29 Mar/mar 2004 (29.03.2004)**

(25) en (26) en

(30) 60/460,535 **4 Apr/avr 2003** US
(04.04.2003)

(30) 60/546,212 **20 Feb/fév 2004** US
(20.02.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROCESS AND INTERMEDIATES FOR PREPARING BENZAZEPINES

• PROCEDE ET PRODUITS INTERMEDIAIRES POUR PREPARER DES BENZAZEPINES

(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) **CONDE, Jose, J.** [CA/UA]; 1250 South Collegeville Road, Collegeville, PA 19426 (US). **GOLDFINGER, Lewilyn, L.** [PH/US]; 1250 South Collegeville Road, Collegeville, PA 19426 (US). **McGUIRE, Michael, A.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **SHILCRAT, Susan, C.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **WALLACE, Michael, D.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **YU, Marvin, Sungwhan** [US/US]; 109 Mallard Circle, Audubon, PA 19403 (US).

(74) **McCARTHY, Mary, E. et al. / etc.**; GlaxoSmithKline, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 31/62

(11) **WO 2004/089891** (13) A1

(21) PCT/SI2004/000016

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) en (26) en

- (30) P-200300087 7 Apr/avr 2003 SI
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROCESS FOR ISOLATING ANTIOXIDANTS FROM PLANT WASTE MATERIAL, AND THEIR USE AS FOOD-STUFF SUPPLEMENT
- PROCEDE PERMETTANT D'ISOLER DES ANTIOXYDANTS A PARTIR DE DECHETS VEGETAUX, ET UTILISATION DE CES DERNIERS COMME ADDITIFS ALIMENTAIRES
- (71) KEMIJSKI INSTITUT [SI/SI]; Hajdrihova 19, 1000 Ljubljana (SI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GOLC WONDRA, Alenka [SI/SI]; Pot na Fuzine 51, 1000 Ljubljana (SI). LAPORNIK, Brigita [SI/SI]; Smarska cesta 32, 8290 Sevnica (SI). PROSEK, Mirko [SI/SI]; Goce Delceva 58, 1000 Ljubljana (SI). ZMITEK, Janko [SI/SI]; Poklukarjeva 70, 1111 Ljubljana (SI).
- (74) ITEM D.O.O.; Resljeva 16, 1000 Ljubljana (SI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 207/00
- (11) WO 2004/089892 (13) A2
- (21) PCT/US2004/009825
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 60/459,291 1 Apr/avr 2003 US
(01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DIARYLMETHYL AND RELATED COMPOUNDS
- DIARYLMETHYLE ET COMPOSES APPARENTES
- (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) MAMMEN, Mathai [CA/US]; 5 Barcelona Circle, Redwood Shores, CA 94065 (US). HUGHES, Adam [GB/US]; 1910 Greenwich Street #3, San Francisco, CA 94123 (US).
- (74) HAGENAH, Jeffrey, A. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 207/327, 405/06 // (C07D 405/06, 309:00, 207:00)
- (11) WO 2004/089894 (13) A1
- (21) PCT/IB2004/001120
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 60/462,613 14 Apr/avr 2003 US
(14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROCESS FOR PREPARING 5-(4-FLUOROPHENYL)-1-[2R,4R)-4-HYDROXY-6-OXO-TETRAHYDRO-PYRAN-2-YL]ETHYL]-2-ISOPROPYL-4-PHENYL-1H-PYRROLE-3-CARBOXYLIC ACID PHENYLAMIDE
- PROCEDE DE PREPARATION DE PHENYLAMIDE D'ACIDE CARBOXYLIQUE 5-(4-FLUOROPHENYL)-1-[2-((2R,4R)-4-HYDROXY-6-OXO-TETRAHYDRO-PYRAN-2-YL)ETHYL]-2-ISOPROPYL-4-PHENYL-1H-PYRROLE-3
- (71) WARNER-LAMBERT COMPANY LLC [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NELSON, Jade, Douglas [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). PAMMENT, Michael, Gerard [US/US]; Pfizer Global Research and Development, 2800 Plymouth Road, Ann Arbor, MI 48105 (US).
- (74) LUMB, J., Trevor et al. / etc.; c/o Wood, David, J., Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 207/34
- (11) WO 2004/089895 (13) A1
- (21) PCT/SI2004/000019
- (22) 9 Apr/avr 2004 (09.04.2004)
- (25) en (26) en
- (30) P-200300100 11 Apr/avr 2003 SI
(11.04.2003)
- (30) P-200300138 6 Jun/juin 2003 SI
(06.06.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROCESS FOR THE PREPARATION OF AMORPHOUS CALCIUM SALT OF ATORVASTATIN
- PROCEDE DE PREPARATION D'UN SEL D'ATORVASTATINE CALCIQUE AMORPHE
- (71) LEK PHARMACEUTICALS D.D. [SI/SI]; Verovskova 57, 1526 Ljubljana (SI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANTONCIC, Ljubomir [SI/SI]; Podmiljscakova 43, 1000 Ljubljana (SI). SORSAK, Gorazd [SI/SI]; Crtomirova 3, 1000

- Ljubljana (SI). COPAR, Anton [SI/SI]; Staretovej trg 1, 1275 Smartno pri Litiji (SI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C07D 209/02, 401/12, 401/06, 403/12, 487/08, A61K 31/403, 31/55, A61P 3/10
- (11) WO 2004/089896 (13) A1
- (21) PCT/DK2004/000252
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) PA 2003 00565 11 Apr/avr 2003 (11.04.2003) DK
- (30) 60/467,800 2 May/mai 2003 (02.05.2003) US
- (30) PA 2003 00972 27 Jun/juin 2003 (27.06.2003) DK
- (30) PA 2003 00990 30 Jun/juin 2003 (30.06.2003) DK
- (30) PA 2003 00989 30 Jun/juin 2003 (30.06.2003) DK
- (30) PA 2003 00988 30 Jun/juin 2003 (30.06.2003) DK
- (30) PA 2003 00998 2 Jul/juil 2003 (02.07.2003) DK
- (30) 60/486,078 10 Jul/juil 2003 (10.07.2003) US
- (30) 60/486,098 10 Jul/juil 2003 (10.07.2003) US
- (30) 60/486,094 10 Jul/juil 2003 (10.07.2003) US
- (30) 60/486,095 10 Jul/juil 2003 (10.07.2003) US
- (30) 60/486,097 10 Jul/juil 2003 (10.07.2003) US
- (30) PA 2003 01910 22 Dec/déc 2003 (22.12.2003) DK
- (30) PA 2004 00009 6 Jan/jan 2004 (06.01.2004) DK
- (30) 60/537,099 16 Jan/jan 2004 (16.01.2004) US
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • 11 β -HYDROXYSTEROID DEHYDROGENASE TYPE 1 ACTIVE COMPOUNDS
- COMPOSES ACTIFS DE LA 11 β -HYDROXYSTEROIDE DESHYDROGENASE DE TYPE 1
- (71) NOVO NORDISK A/S [DK/DK]; Novo Allé, Bagsværd, 2880 (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GUNDERTOFTE, Anette [DK/DK]; H. Schneeklothvej 11 st.th, Frederiksberg, 2000 (DK). JØRGENSEN, Anker Steen [DK/DK]; Oliemøllegade 8, 4. sal, lejl. 5, København Ø, 2100 (DK). KAMPEN, Gita, Camilla, Tejlgaard [DK/DK]; Gærdebuen 18, Nærum, 2850 (DK). ANDERSEN, Henrik, Sune [DK/DK]; Gustav Adolphs Vej 2, 2800, KGS. LYNGBY (DK). CHRISTENSEN, Inge Thøger [DK/DK]; Kulsviertofte 52, Kgs. Lyngby, 2800 (DK). KILBURN, John Paul [DK/DK]; Hjortevej 23, Haslev, 4690 (DK).
- (74) NOVO NORDISK A/S; Corporate Patents, Novo Allé, Bagsværd, 2880 (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 209/46, A61K 31/454, A61P 25/24
- (11) WO 2004/089897 (13) A1
- (21) PCT/EP2004/003678
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 0308025.6 7 Apr/avr 2003 (07.04.2003) GB
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COMPOUNDS HAVING ACTIVITY AT 5HT_{2C} RECEPTOR AND USES THEREOF
- COMPOSES PRESENTANT UNE ACTIVITE PAR RAPPORT AU RECEPTEUR 5HT_{2C} ET LEURS APPLICATIONS
- (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) BONANOMI, Giorgio [IT/IT]; GlaxoSmithKline, Via Alessandro Fleming 2, I-37135 Verona (IT). HAMPRECHT, Dieter [DE/IT]; GlaxoSmithKline, Via Alessandro Fleming 2, I-37135 Verona (IT). MICHELI, Fabrizio [IT/IT]; GlaxoSmithKline, Via Alessandro Fleming 2, I-37135 Verona (IT). TERRENI, Silvia [IT/IT]; GlaxoSmithKline, Via Alessandro Fleming 2, I-37135 Verona (IT).
- (74) KONDO, Rie; GlaxoSmithKline, 980 Great West Road, Brentford, Middlesex TW8 9GS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 209/52, A61K 31/40, A61P 1/12, 3/10, 11/08
- (11) WO 2004/089899 (13) A1
- (21) PCT/IB2003/001327
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) en (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SUBSTITUTED AZABICYCLO HEXANE DERIVATIVES AS MUSCARINIC RECEPTOR ANTAGONISTS
- (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) MEHTA, Anita [IN/US]; 756 Old Checker Road, Buffalo Grove, IL 60089 (US). MIRIYALA, Bruhaspathy [IN/US]; 1731 Anderson Road, Apartment # 45, Oxford, MS 38655 (US). ARORA, Sudershan, Kumar [IN/IN]; Tapovan Housing Society, Plot No. 11, NDA Road, Baudhan, 411029 Pune, Maharashtra (IN). GUPTA, Jang, Bahadur [IN/JP]; The Entente 803, 5-15 Koyochi Naka, Higashinada-Ku, Kobe, 6580032 (JP).
- (74) RANBAXY LABORATORIES LIMITED; c/o DESHMULK, Jayadeep R., 600 College Road East, Suite 2100, Princeton, NJ 08540 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 209/52, A61K 31/403, A61P 1/12, 3/10, 11/08
- (11) WO 2004/089899 (13) A1
- (21) PCT/IB2003/001327
- (22) 10 Apr/avr 2003 (10.04.2003)
- (25) en (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SUBSTITUTED AZABICYCLO HEXANE DERIVATIVES AS MUSCARINIC RECEPTOR ANTAGONISTS

- DERIVES D'AZABICYCLO HEXANES 3,6-DISUBSTITUES EN TANT QU'ANTAGONISTES DES RECEPTEURS MUSCARINIQUES
- (71) RANBAXY LABORATORIES LIMITED [IN/IN]; 19, NEHRU PLACE, 110 019 New Delhi (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MEHTA, Anita [US/US]; 756, Old Checker Road, Buffalo Grove, IL 60089 (US). MIRIYALA, Bruhaspathy [IN/US]; School of Pharmacy, University of Mississippi, 427 Faser Hall, University, MS 38677 (US). ARUNDUTT, Silamkoti, Viswanatham [IN/IN]; 97 Doveton Road, 500010 Bolarium, Secunderabad (IN). GUPTA, Jang, Bahadur [JP/JP]; THE ENTENTE 803, 5-15 Koyochi Naka, Higashinada-Ku, Kobe, 6580032 (JP).
- (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 211/00
(11) WO 2004/089901 (13) A2
(21) PCT/US2004/009847
(22) 31 Mar/mar 2004 (31.03.2004)
(25) en (26) en
(30) 60/459,078 31 Mar/mar 2003 US (31.03.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PHOSPHOLIPASE C INHIBITORS FOR USE IN TREATING INFLAMMATORY DISORDERS
• INHIBITEURS DE PHOSPHOLIPASE C UTILISES DANS LE TRAITEMENT DE TROUBLES INFLAMMATOIRES
- (71) JANSSEN PHARMACEUTICA N.V. [BE/BE]; Turnhoutseweg 30, B2340, B-BELGIUM Beerse (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LAGU, Bharat [US/US]; 41 Fisher Drive, Hillsborough, New Jersey 08844 (US). RUPERT, Kenneth [US/US]; 426 Centre Street, South Orange, New Jersey 07079 (US). WACHTER, Michael [US/US]; 52 North Street, Bloomsbury, New Jersey 08804 (US).
- (74) JOHNSON, Philip S., et al. / etc.; One Johnson & Johnson Plaza, New Brunswick, New Jersey 08933 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 209/52, A61K 31/403, A61P 11/00, 13/00, 1/00
(11) WO 2004/089900 (13) A1
(21) PCT/IB2004/000008
(22) 6 Jan/jan 2004 (06.01.2004)
(25) en (26) en
(30) PCT/IB03/01367 11 Apr/avr 2003 IB (11.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • AZABICYCLO DERIVATIVES AS MUSCARINIC RECEPTOR ANTAGONISTS
• DERIVES AZABICYCLO UTILES COMME ANTAGONISTES DU RECEPTEUR MUSCARINIQUE
- (71) RANBAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, New Delhi, Delhi 110019 (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) KUMAR, Naresh [IN/IN]; C-1796, Palam Vihar, Gurgaon, Haryana 122017 (IN).
- (72, 75) SALMAN, Mohammad [IN/US]; 13 Hampshire Drive, Plainsboro, NJ 08536 (US). SARMA, Pakala, Kumara, Savithru [IN/IN]; 1091, 17b, Iffco Colony, Gurgaon, Haryana 122001 (IN). DHARMARAJAN, Sankaranarayanan [IN/IN]; Gurera House, 811, Sector 17a, Gurgaon, Haryana 122001 (IN). CHUGH, Anita [IN/IN]; RA-36, Indrapuri, New Delhi, Delhi 110012 (IN).
- (25) en (26) en
(30) 2,425,561 14 Apr/avr 2003 CA (14.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROCESS TO PREPARE 1,4-DIHYDROPYRIDINE INTERMEDIATES AND DERIVATIVES THEREOF
• PROCEDE DE PREPARATION DE PRODUITS INTERMEDIAIRES DE 1,4-DIHYDROPYRIDINE ET DE DERIVES DE CEUX-CI
- (71) APOTEX PHARMACHEM INC. [CA/CA]; 34 Spalding Drive, Brantford, Ontario N3T 6B8 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHE, Daqing [CA/CA]; 31 Thornton Drive, Brantford, Ontario N3R 7L6 (CA). GUNTOORI, Bhaskar, Reddy [CA/CA]; 26 Sudds Lane, Brantford, Ontario N3T 6M5 (CA). MURTHY, K., S., Keshava [CA/CA]; 640 Green Ravine Drive, Ancaster, Ontario L9G 3W2 (CA).
- (74) HUGHES, Ivor, M.; Suite 200, 175 Commerce Valley Drive West, Thornhill, Ontario L3T 7P6 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement
- (51)⁷ C07D 211/56, 401/12, 405/12, A61K 31/451, 31/4525, 31/454, 31/4545, 31/4709, A61P 9/12
(11) WO 2004/089903 (13) A1
(21) PCT/IB2004/001162
(22) 1 Apr/avr 2004 (01.04.2004)
(25) en (26) en
(30) 60/461,962 10 Apr/avr 2003 US (10.04.2003)
(30) 60/542,279 9 Feb/fév 2004 US (09.02.2004)
(43) 21 Oct/oct 2004 (21.10.2004)
- (51)⁷ C07D 211/02, 211/90
(11) WO 2004/089902 (13) A1
(21) PCT/CA2004/000545
(22) 13 Apr/avr 2004 (13.04.2004)

(54) • PIPERIDINE DERIVATIVES AS RENIN INHIBITORS FOR THE TREATMENT OF HYPERTENSION

• DERIVES DE PIPERIDINE UTILES COMME INHIBITEURS DE LA RENINE DANS LE TRAITEMENT DE L'HYPERTENSION

(71) WARNER-LAMBERT COMPANY LLC [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CODY, Wayne, Livingston [US/US]; Pfizer Global Research and Development, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US). EDMUNDS, Jeremy, John [US/US]; Pfizer Global Research and Development, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US). HOLSWORTH, Daniel, Dale [US/US]; Pfizer Global Research and Development, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US). POWELL, Noel, Aaron [US/US]; Pfizer Global Research and Development, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105

(74) LUMB, J., Trevor et al. / etc.; c/o WOOD, David, J., Pfizer Global Research and Development, Ramsgate Road, Kent, Sandwich CT13 9NJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07D 213/74

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(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 2,424,644 7 Apr/avr 2003 CA (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PREPARATION OF TORASEMIDE

• PREPARATION DE TORASEMIDE

(71) TORCAN CHEMICAL LTD. [CA/CA]; 110 Industrial Parkway North, Aurora, Ontario L4G 3H4 (CA).

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(72, 75) YEH, Wen-Lung [CA/CA]; 120 Chelwood Drive, Thornhill, Ontario L4J 7H6 (CA). KHUMTAVEEPORN, Kanjai [CA/CA]; 892 Caribou Valley Circle, Newmarket, Ontario L3X 1X1 (CA). MCKENZIE, David, John [CA/CA]; 72-7430 Copenhagen Road, Mississauga, Ontario L5N 2C4 (CA).

(74) RIDOUT & MAYBEE LLP; 150 Metcalfe Street, 19th Floor, Ottawa, Ontario K2P 1P1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 213/76, 239/48, 487/08, 213/74, A61K 31/44, 31/505, A61P 13/12, 25/18

(11) WO 2004/089905 (13) A1

(21) PCT/EP2004/003872

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 10/413,233 14 Apr/avr 2003 US (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • N-[(PIPERAZINYL)HETARYL]ARYLSULFONAMIDE COMPOUNDS WITH AFFINITY FOR THE DOPAMINE D3 RECEPTOR

• COMPOSES N-[(PIPERAZINYL)HETARYL]ARYLSULFONAMIDE DOTES D'UNE AFFINITE POUR LE RECEPTEUR DE LA DOPAMINE D3

(71) ABBOTT GMBH & CO. KG [DE/DE]; Max-Planck-Ring 2, 65205 Wiesbaden (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRAJE, Wilfried [DE/DE]; Unterdem Hopfenberge 15, 31737 Rinteln (DE). HAUPT, Andreas [DE/DE]; Schaalzigweg 52, 68723 Schwetzingen (DE). LUBISCH, Wilfried [DE/DE]; Hacusserstrasse 15, 69115 Heidelberg (DE). GRANDEL, Roland [DE/DE]; Birkenweg 49, 69221 Dossenheim (DE). DRESCHER, Karla [DE/DE]; Unteres Bieth 10, 69221 Dossenheim (DE). GENESTE, Hervé [FR/DE]; Rehbachstrasse 42, 67141 Neuhofen (DE). UNGER, Liliane [DE/DE]; Wollstr. 129, 67065 Ludwigshafen (DE). SAUER, Daryl, R. [US/US]; 23619 112th Street, Trevor, WI 53179 (US). TURNER, Sean, C. [GB/DE]; Lameystr. 21, 68165 Mannheim (DE).

(74) KINZEBACH, Werner et al. / etc.; Reitstötter, Kinzebach & Partner (Gbr), Ludwigshafen 4, 67059 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07D 213/79, A01N 43/40

(11) WO 2004/089906 (13) A2

(21) PCT/US2004/010358

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/459,892 2 Apr/avr 2003 US (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • 6-ALKYL OR ALKENYL-4-AMINOPICOLINATES AND THEIR USE AS HERBICIDES

• 6-ALKYL OU ALCENYL-4-AMINOPICOLINATES ET LEUR UTILISATION EN TANT QU'HERBICIDES

(71) DOW AGROSCIENCES LLC [US/US]; 9330 Zionsville Road, Indianapolis, IN 46268 (US).

(72) BALKO, Terry, William; 1410 Bowman Drive, Greenfield, IN 46140 (US). BUYASSE, Ann, Marie; 743 Alwyne Road, Carmel, IN 46032 (US). FIELDS, Stephen, Craig; 2341H Springside Lane North, Indianapolis, IN 46260 (US). IRVINE, Nicholas, Martin; 327 West Columbine Lane, Westfield, IN 46074 (US). LO, William, Chi-Leug; 12027 Weathered Edge Drive, Fishers, IN 46038 (US). LOWE, Christian, Thomas; 4021 Point Bar Road, Indianapolis, IN 46268 (US). RICHBURG, John, Sanders III; 103 East Bloomfield Lane, Westfield, IN 46074 (US). SCHMITZER, Paul, Richard; 7960 North Whittier Place, Indianapolis, IN 46250 (US).

(74) MIXAN, Craig, E.; Dow AgroSciences LLC, 9330 Zionsville Road, Indianapolis, IN 46268 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 215/14

(11) WO 2004/089907 (13) A1

(21) PCT/JP2004/002464

(22) 1 Mar/mar 2004 (01.03.2004)

(25) ja (26) ja

(30) 2003-102134 4 Apr/avr 2003 JP (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROCESS FOR PRODUCING QUINOLINE COMPOUND

• PROCEDE DE PRODUCTION D'UN COMPOSE QUINOLEINE

(71) **KURARAY CO., LTD.** [JP/JP]; 1621, Sakazu, Kurashiki-shi, Okayama 7108622 (JP). **NISSAN CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 7-1, Kanda-Nishiki-cho 3-chome, Chiyoda-ku, Tokyo 1010054 (JP).
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(72, 75) **FUKUMOTO, Takashi** [JP/JP]; c/o Kuraray Co., Ltd., 2-28, Kurashiki-cho, Nakajo-machi, Kitakanbara-gun, Niigata 9592691 (JP). **NAGASHIMA, Kensuke** [JP/JP]; c/o Kuraray Co., Ltd., 1621, Sakazu, Kurashiki-shi, Okayama 7108622 (JP).

(74) **TAKASHIMA, Hajime**; Fujimura Yamato Seimei Bldg., 2-14, Fushimimachi 4-chome, Chuo-ku, Osaka-shi Osaka 5410044 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 221/00

(11) WO 2004/089908 (13) A2

(21) PCT/IB2004/001189

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/462,629 14 Apr/avr 2003 US (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • 3-AZABICYCLO[3.2.1]OCTANE DERIVATIVES

• DERIVES DE 3-AZABICYCLO[3.2.1]OCTANE

(71) **PFIZER PRODUCTS INC.** [US/US]; Eastern Point Road, Groton, CT 06340 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COE, Jotham, Wadsworth** [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). **MCHARDY, Stanton, Furst** [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). **BASHORE, Crystal, Gayle** [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).

(74) **LUMB, J., Trevor 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 221/22, A61K 31/435, A61P 25/00

(11) WO 2004/089909 (13) A1

(21) PCT/IB2004/001237

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/462,605 14 Apr/avr 2003 US (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • 2-AZABICYCLO[3.3.1]NONANE DERIVATIVES AS OPIOID RECEPTOR ANTAGONISTS

• DERIVES DE 2-AZABICYCLO[3.3.1]NONANE UTILISES COMME ANTAGONISTES DES RECEPTEURS OPIOIDES

(71) **PFIZER PRODUCTS INC.** [US/US]; Eastern Point Road, Groton, CT 06340 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COE, Jotham, Wadsworth** [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). **MCHARDY, Stanton, Furst** [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).

(74) **LUMB, J., Trevor 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07D 231/12, 405/04, 405/14, 409/14, A61K 31/4155, A61P 25/18

(11) WO 2004/089910 (13) A1

(21) PCT/EP2004/002354

(22) 8 Mar/mar 2004 (08.03.2004)

(25) de (26) de

(30) 103 15 573.2 5 Apr/avr 2003 DE (05.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • 1,3,4-SUBSTITUTED PYRAZOLES FOR USE AS 5-HT RECEPTOR ANTAGONISTS IN THE TREATMENT OF PSYCHOSES AND NEUROLOGICAL DISORDERS

• PYRAZOLES SUBSTITUES EN POSITION 1,3 ET 4 UTILISES EN TANT

QU'ANTAGONISTES DES RECEPTEURS 5-HT POUR LE TRAITEMENT DE PSYCHOSES ET DE TROUBLES NEUROLOGIQUES

(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) **SCHIEMANN, Kai** [DE/DE]; Am Rödergraben 8, 64342 Seeheim-Jugenheim (DE). **SCHADT, Oliver** [DE/DE]; Eschenstrasse 22, 63517 Rodenbach (DE). **VAN AMSTERDAM, Christoph** [DE/DE]; Schepp Allee 47, 64295 Darmstadt (DE). **BARTOSZYK, Gerd** [DE/DE]; Kreuzstrasse 57, 64331 Weiterstadt (DE). **SEYFRIED, Christoph** [DE/DE]; Mathildenstrasse 6, 64342 Seeheim-Jugenheim (DE).

(74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 231/12, 409/12, 401/04, 401/06, A61K 31/4155, A61P 25/28

(11) WO 2004/089911 (13) A1

(21) PCT/GB2004/001452

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0308318.5 10 Apr/avr 2003 GB (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PYRAZOLE DERIVATIVES AS GAMMA-SECRETASE INHIBITORS USEFUL IN THE TREATMENT OF ALZHEIMER'S DISEASE

• DERIVES DE PYRAZOLE UTILISES COMME INHIBITEURS DE GAMMA-SECRETASE DANS LE TRAITEMENT DE LA MALADIE D'ALZHEIMER

(71) **MERCK SHARP & DOHME LIMITED** [GB/GB]; Hertford Road, Hoddesdon Hertfordshire EN11 9BU (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BETTATI, Michela** [IT/GB]; Terlings Park, Eastwick Road, Harlow Essex CM20 2QR (GB). **CHAMBERS, Mark, Stuart** [GB/GB]; Terlings Park, Eastwick Road, Harlow Essex CM20 2QR (GB). **HUNT, Peter, Alan** [GB/GB]; Terlings Park, Eastwick Road, Harlow Essex CM20 2QR (GB). **JONES, Philip** [GB/IT]; Terlings Park, Eastwick Road, Harlow Essex CM20 2QR (GB). **MACLEOD, Angus, Murray** [GB/GB]; Terlings Park, Eastwick Road, Harlow Essex

- CM20 2QR (GB). **SZEKERES, Helen, Jane** [GB/GB]; Terlings Park, Eastwick Road, Harlow Essex CM20 2QR (GB). **TEALL, Martin, Richard** [GB/GB]; Terlings Park, Eastwick Road, Harlow Essex CM20 2QR (GB).
- (74) **BUCHAN, Gavin, MacNicol**; Merck & Co., Inc., Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 235/06, 401/10, A61K 31/4184, 31/454, 31/496, A61P 21/02, 23/00, 25/08, 25/20, 25/22
- (11) WO 2004/089912 (13) A1
- (21) PCT/EP2004/050427
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) PA 2003 00557 10 Apr/avr 2003 DK (10.04.2003)
- (30) 60/461,794 11 Apr/avr 2003 US (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • NOVEL BENZIMIDAZOLE DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS COMPRISING THESE COMPOUNDS
- NOUVEAU DERIVES DE BENZIMIDAZOLE ET COMPOSITIONS PHARMACEUTIQUES COMPRENANT CES COMPOSES
- (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) **LARSEN, Janus, S.** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **TEUBER, Lene** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK).
- (74) **NEUROSEARCH A/S**; Patent Department, 93 Pederstrupvej, DK-2750 Ballerup (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Declaration / Déclaration :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)⁷ C07D 239/42, 403/04, 403/10, 403/14, 409/04, 413/10, A61K 31/506, A61P 1/00, 11/00, 17/00, 19/00, 25/00, 35/00, 37/00
- (11) WO 2004/089913 (13) A1
- (21) PCT/EP2004/003819
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 0308466.2 11 Apr/avr 2003 GB (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • AMINOPYRIMIDINE DERIVATIVES AND THEIR MEDICAL USE
- DERIVES DE 2-AMINOPYRIMIDINE ET LEUR APPLICATION EN MEDECINE
- (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 Stasse 59, A-1230 Vienna (AT). *(only for / seulement pour AT)*
- (72, 75) **BOLLBUCK, Birgit** [DE/DE]; Boddenseestrasse 23, 79576 Weil am Rhein (DE). **DENHOLM, Alastair** [GB/GB]; Novartis Horsham Research Centre, Wimbleshurst Road, Horsham, West Sussex RH12 5AB (GB). **EDER, Jörg** [DE/DE]; Zwischen den Bächen 4, 79618 Rheinfelden (DE). **HERSPERGER, René** [CH/CH]; Höhenweg 32, CH-4142 Münchenstein (CH). **JANSER, Philipp** [CH/CH]; Delsbergerallee 1, CH-4053 Basel (CH). **RÉVÉSZ, László** [CH/CH]; Ob dem Fichtenrain 7, CH-4106 Thervil (CH). **SCHLAPBACH, Achim** [DE/DE]; Hünerbergweg 8, 79539 Lörrach (DE). **WÄLCHLI, Rudolf** [CH/CH]; St. Johans-Vorstadt 90, CH-4056 Basel (CH).
- (74) **GRUBB, Philip**; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 239/54, 521/00, 403/12, 401/12, 405/12, 409/12, A01N 43/54
- (11) WO 2004/089914 (13) A1
- (21) PCT/EP2004/003624
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) de (26) de
- (30) 103 16 311.5 8 Apr/avr 2003 DE (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • BENZENESULPHONAMIDE DERIVATIVES AS HERBICIDES OR DESICCANT/DEFOLIANT COMPOUNDS
- DERIVES DE BENZOLSULFONAMIDE CONSTITUANT DES COMPOSES HERBICIDES OU DESSICCANTS/DEFOLIANTS
- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; Carl-Bosch-Strasse, 67056 Ludwigshafen (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HAMPRECHT, Gerhard** [DE/DE]; Rote-Turm-Str. 28, 69469 Weinheim (DE). **PUHL, Michael** [DE/DE]; Bürstädter Str. 95, 68623 Lampertheim (DE). **REINHARD, Robert** [DE/DE]; Wieland-Str. 30, 67065 Ludwigshafen (DE). **SEITZ, Werner** [DE/DE]; Bismarckstrasse 22b, 68723 Plankstadt (DE). **ZAGAR, Cyrill** [DE/DE]; Untere Clignetstr. 8, 68167 Mannheim (DE). **WITSCHEL, Matthias** [DE/DE]; Höhenweg 12b, 67098 Bad Dürkheim (DE). **LANDES, Andreas** [DE/DE]; Grünwaldstr. 15, 67354 Römerberg-Heiligenstein (DE).
- (74) **BASF AKTIENGESELLSCHAFT**; 67056 Ludwigshafen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 241/08, 401/12, 241/04, 417/14, 403/12, 471/04, 413/12, 409/12, A61K 31/495, 31/496, A61P 9/12
- (11) WO 2004/089915 (13) A1
- (21) PCT/IB2004/001211
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 60/461,931 10 Apr/avr 2003 US (10.04.2003)

(30) 60/542,306 9 Feb/fév 2004 US
(09.02.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PIPERAZINE DERIVATIVE RENIN INHIBITORS

• DERIVES DE PIPERAZINE AGISSANT COMME INHIBITEURS DE LA RENINE

(71) WARNER-LAMBERT COMPANY LLC [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).

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(74) LUMB, J., Trevor et al. / etc.; c/o WOOD, David, J., Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN VU YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 0308335.9 10 Apr/avr 2003 GB
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • 11-PHENYL-DIBENZODIAZEPINE DERIVATIVES AS RXR-ANTAGONISTS

• DERIVES DE 11-PHENYL-DIBENZODIAZEPINE EN TANT QU'ANTAGONISTES DU RXR

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

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(72, 75) SAKAKI, Junichi [JP/JP]; 4-5-9, Ninomiya, Tsukuba-shi, Ibaraki Pref. 305-0051 (JP). KONISHI, Kazuhide [JP/JP]; 2-4-6-506, Sengen, Tsukuba-shi, Ibaraki Pref. 305-0047 (JP). KISHIDA, Masashi [JP/JP]; 4-13-4-103, Ninomiya, Tsukuba-shi, Ibaraki Pref. 305-0051 (JP).

KIMURA, Masaaki [JP/JP]; 1-20-34, Sengen, Tsukuba-shi, Ibaraki Pref. 305-0047 (JP). UCHIYAMA, Hidefumi [JP/JP]; 2-4-6-301, Sengen, Tsukuba-shi, Ibaraki Pref. 305-0047 (JP). MITANI, Hironobu [JP/JP]; 4-21-2-1-405, Matsushiro, Tsukuba-shi, Ibaraki Pref. 305-0035 (JP).

(74) GRUBB, Philip; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN VU YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 0304486 10 Apr/avr 2003 FR
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROCESS FOR RESOLVING AIMINES THAT ARE USEFUL FOR THE TREATMENT OF DISORDERS ASSOCIATED WITH INSULIN RESISTANCE SYNDROME

• PROCEDE DE DEDOUBLEMENT PERMETTANT D'OBTENIR DES AMINES UTILES POUR LE TRAITEMENT DES TROUBLES ASSOCIES AU SYNDROME DE D'INSULINO-RESISTANCE

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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN VU YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 263/32, 417/14, 333/20, 413/12, 417/06, 409/12, 333/38, 333/16, 333/18, 277/22, 277/28, 417/12, A61K 31/421, 31/4439, 31/4725, 31/538, 31/497, 31/4184, 31/427, 31/428, 31/381, 31/405, 31/4155, 31/423, 45/00, A61P 43/00, 3/10, 3/06, 3/04

(11) WO 2004/089918 (13) A1

(21) PCT/JP2004/005119

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ja (26) ja

(30) 2003-105267 9 Apr/avr 2003 JP
(09.04.2003)

(30) 2003-157590 3 Jun/juin 2003 JP
(03.06.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HETEROAROMATIC PENTACYCLIC COMPOUND AND MEDICINAL USE THEREOF

• COMPOSE PENTACYCLIQUE HETEROAROMATIQUE ET SON USAGE MEDICAL

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- Takeshi** [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (JP). **SAKATA, Shohei** [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (JP). **MORINAGA, Hisayo** [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (JP).
- (74) **TAKASHIMA, Hajime**; Fujimura Yamato Seimei Bldg., 2-14, Fushimimachi 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410044 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (b)
- (51)⁷ C07D 263/54, 413/12, 401/12, A61K 31/423, 31/433, 31/427, 31/506, 31/497, 31/4155, A61P 43/00, 3/04, 3/10
- (11) WO 2004/089919 (13) A1
- (21) PCT/JP2004/004770
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) ja (26) ja
- (30) 2003-099514 2 Apr/avr 2003 JP (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CYCLOHEXANECARBOXAMIDO DERIVATIVE
• DERIVE DE CYCLOHEXANECARBOXAMIDO
- (71) **BANYU PHARMACEUTICAL CO., LTD.** [JP/JP]; 2-3, Nihombashi Honcho 2-chome, Chuo-ku, Tokyo 1038416 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TAKAHASHI, Toshiyuki** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD., Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 3002611 (JP). **KANATANI, Akio** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD., Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 3002611 (JP).
- (74) **BANYU PHARMACEUTICAL CO. LTD.**; 2-3, Nihombashi Honcho 2-chome, Chuo-ku, Tokyo 1038416 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 275/02
- (11) WO 2004/089921 (13) A1
- (21) PCT/JP2004/005024
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) ja (26) ja
- (30) 2003-104807 9 Apr/avr 2003 JP (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • NOVEL METHOD FOR PRODUCING BENZYLIDENE DERIVATIVE
- NOUVEAU PROCÉDE DE PRODUCTION DE DERIVÉ DE BENZYLIDÈNE
- (71) **SHIONOGI & CO. LTD.** [JP/JP]; 1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5410045 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ODA, Katsuo** [JP/JP]; c/o Shionogi & Co., Ltd. 1-3, Kuise Terajima 2-chome, Amagasaki-shi, Hyogo, 6600813 (JP).
- (74) **YAMAUCHI, Hideaki** et al. / etc.; Shionogi & Co., Ltd. Intellectual Property Department 12-4, Sagisu 5-chome, Fukushima-ku, Osaka-shi, Osaka, 5530002 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 295/08, A61K 31/495
- (11) WO 2004/089922 (13) A2
- (21) PCT/CA2004/000539
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 10/409,868 8 Apr/avr 2003 US (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CALCIUM CHANNEL INHIBITORS COMPRISING BENZHYDRIL SPACED FROM PIPERAZINE
• INHIBITEURS DES CANAUX CALCIQUES COMPRENANT DU BENZHYDRYLE ESPACE DE LA PIPERAZINE
- (71) **NEUROMED TECHNOLOGIES, INC.** [CA/CA]; 2389 Health Sciences Mall, Suite 301, Vancouver, British Columbia V6T 1Z4 (CA). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BELARDETTI, Francesco** [IT/CA]; 4443 West 4th Avenue, Vancouver, British Columbia V6R 1P9 (CA). **PAJOUHESH, Hassan** [CA/CA]; #606,1010 Pacific Boulevard, Vancouver, British Columbia V6Z 2X8 (CA). **PAJOUHESH, Hossein** [CA/CA]; #507,4758 Grange Street, Burnaby, British Columbia V5H 1R2 (CA). **SNUTCH, Terrence, P.** [CA/CA]; 3963 West 24th Avenue, Vancouver, British Columbia V6S 1M1 (CA). **ZAMPONI, Gerald, W.** [AT/CA]; Box 21, Site 9, RR 2, Cochrane, Alberta T4C 1A2 (CA).
- (74) **ROBINSON, Christopher, J.** et al. / etc.; Fetherstonhaugh & CO., Box 11560 Vancouver Centre, Suite 2200, 650 West Georgia Street, Vancouver, British Columbia V6B 4N8 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 305/12, 315/00
- (11) WO 2004/089923 (13) A1
- (21) PCT/EP2004/050477
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 03252260.9 9 Apr/avr 2003 EP (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CARBONYLATION OF EPOXIDES
• PROCEDE DE CARBONYLATION D'EPOXYDES
- (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) DRENT, Eit [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). ERNST, René [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 307/88
- (11) WO 2004/089924 (13) A1
- (21) PCT/IB2003/001450
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) en (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROCESS FOR THE PREPARATION OF 5-BROMOPHTHALIDE
• PROCEDE POUR LA PREPARATION DE 5-BROMOPHTHALIDE
- (71) BROMINE COMPOUNDS LTD. [IL/IL]; P.O.Box 180, 84101 Beer Sheva (IL).
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- (74) PYERNIK, Moshe et al. / etc.; P.O.Box 10012, 84106 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 NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 311/22, 407/12, 475/04, A61K 31/5377, A61P 25/00
- (11) WO 2004/089925 (13) A1
- (21) PCT/US2004/010399
- (22) 3 Apr/avr 2004 (03.04.2004)
- (25) en (26) en
- (30) 60/460,137 3 Apr/avr 2003 US (03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PI-3 KINASE INHIBITOR PRODRUGS
• PROMEDICAMENTS D'INHIBITEURS DE PI-3 KINASE
- (71) SEMAFORE PHARMACEUTICALS, INC. [US/US]; 8496 Georgetown Road, Indianapolis, IN 46268 (US).
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- (71, 72) GARLICH, Joseph, R. [US/US]; 328 West Columbine Lane, Westfield, IN 46268 (US). DURDEN, Donald, L. [US/US]; 1310 Ladson Court, Decatur, GA 30033 (US).
- (72, 75) PATTERSON, Mary [US/US]; 5029 Surrey lane, Carmel, IN 46033 (US). SU, Jingdong [CN/US]; 13243 Roma Bend, Westfield, IN 46074 (US). SUHR, Robert, G. [US/US]; 1522 Bruner Drive, Greenfield, IN 46140 (US).
- (74) CLOUGH, David, W. et al. / etc.; Howrey Simon Arnold & White, LLP, c/o IP Prosecution, Box No. 34, 1299 Pennsylvania Ave., N.W., Washington, D.C. 20004-2402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 311/94
- (11) WO 2004/089926 (13) A2
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- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 60/459,278 31 Mar/mar 2003 US (31.03.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • GENIPIN DERIVATIVES AND USES THEREOF
• DERIVES DE GENIPINE ET LEURS UTILISATIONS
- (71) BETH ISRAEL DEACONESS MEDICAL CENTER, INC. [US/US]; 330 Brookline Avenue, Boston, MA 02215 (US). TRUSTEES OF BOSTON UNIVERSITY [US/US]; 147 Bay State Road, Boston, MA 02215 (US).
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- (72, 75) ZHANG, Chen-Yu [CN/US]; 9 Overhill Road, Swampscott, MA 01907 (US). LOWELL, Bradford, B. [US/US]; 6 Tara Road, Southborough, MA 01772 (US). PORCO, John, A., Jr. [US/US]; 270 Russell Road, Chestnut Hill, MA 02467 (US). SHEN, Ruichao [US/US]; 35 Northampton Street, Apartment 705, Boston, MA 02118 (US). LIN, Chen, Ting [US/US]; 7250 171st Street, Fresh Meadows, NY 11366 (US). KRAUSS, Stefan [DE/US]; 122 Trowbridge Street #1R, Cambridge, MA 02138 (US).
- (74) COLLINS, Anne, 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 317/20, 277/04, 417/10, 317/30, 317/22, 317/16, 317/12, 231/12, 213/69, 339/06, 319/06, 411/10, 327/04, 327/06, 263/10, 263/12, C07C 43/225, A61K 31/357, 31/385, 31/39, 31/415, 31/4418, 31/426, 31/085, A61P 29/00
- (11) WO 2004/089927 (13) A1
- (21) PCT/AU2004/000453
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 2003901579 7 Apr/avr 2003 AU (07.04.2003)
- (30) 2003906773 8 Dec/déc 2003 AU (08.12.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • NOVEL METHODS FOR THE TREATMENT OF INFLAMMATORY DISEASES
• NOUVELLES MÉTHODES DE TRAITEMENT DES MALADIES INFLAMMATOIRES

(71) **CORTICAL PTY LTD** [AU/AU]; 27-31 Wright Street, Clayton, VIC 3168 (AU).
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SKENE, Colin, Edward [AU/AU]; Unit 1, 10 Shirley Avenue, Glen Waverley, VIC 3150 (AU).

(74) **BLAKE DAWSON WALDRON PATENT SERVICES**; Level 39, 101 Collins Street, Melbourne, VIC 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 317/26, C07C 45/64, 49/35

(11) WO 2004/089928 (13) A1

(21) PCT/JP2004/002490

(22) 1 Mar/mar 2004 (01.03.2004)

(25) ja (26) ja

(30) 2003-102197 4 Apr/avr 2003 JP
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROCESS FOR PRODUCING 3-CYCLOPROPYL-3-OXOPROPANAL ACETAL COMPOUND
• PROCEDE DE PRODUCTION D'UN COMPOSE 3-CYCLOPROPYL-3-OXOPROPANAL ACETAL

(71) **KURARAY CO., LTD.** [JP/JP]; 1621, Sakazu, Kurashiki-shi, Okayama 7108622 (JP).
NISSAN CHEMICAL INDUSTRIES, LTD. [JP/JP]; 7-1, Kanda-Nishiki-cho 3-chome, Chiyoda-ku, Tokyo 1010054 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUKUMOTO, Takashi** [JP/JP]; c/o Kuraray Co., Ltd., 2-28, Kurashiki-cho, Nakajo-machi, Kitakanbara-gun, Niigata 9592691 (JP).
NAGASHIMA, Kensuke [JP/JP]; c/o Kuraray Co., Ltd., 1621, Sakazu, Kurashiki-shi, Okayama 7108622 (JP).

(74) **TAKASHIMA, Hajime**; Fujimura Yamato Seimei Bldg., 2-14, Fushimimachi 4-chome, Chuo-ku, Osaka-shi, Osaka 5410044 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 333/38, 409/12, 417/12, 417/14, A61K 31/381, 31/415, 31/4196, A61P 29/00

(11) WO 2004/089929 (13) A1

(21) PCT/GB2004/001589

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 0308511.5 14 Apr/avr 2003 GB
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • 5-AMINO-2-CARBONYLTHIOPHENE DERIVATIVES FOR USE AS P38 MAP KINASE INHIBITORS IN THE TREATMENT OF INFLAMMATORY DISEASES

• DERIVES DE 5-AMINO-2-CARBONYLTHIOPHENE UTILISES EN TANT QU'INHIBITEURS DE LA P38 MAP KINASE DANS LE TRAITEMENT DES MALADIES INFLAMMATOIRES

(71) **ASTEX TECHNOLOGY LIMITED** [GB/GB]; 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GILL, Adrian, Liam** [GB/GB]; 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA (GB).
WOODHEAD, Steven [GB/GB]; 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA (GB).
CARR, Maria [GB/GB]; 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA (GB).

(74) **HUTCHINS, Michael, Richard**; M.R. Hutchins & Co., 23 Mount Sion, Tunbridge Wells, Kent TN11 1TZ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07D 401/02 // A61K 31/47

(11) WO 2004/089930 (13) A1

(21) PCT/US2004/010195

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/459,265 2 Apr/avr 2003 US
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • 4-FLUOROQUINOLONE DERIVATIVES AND THEIR USE AS KINASE INHIBITORS

• DERIVES DE 4-FLUOROQUINOLONE ET LEUR UTILISATION COMME INHIBITEURS DE KINASE

(71) **IMCLONE SYSTEMS INCORPORATED** [US/US]; 180 Varick Street, New York, NY 10014 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PIATNITSKI, Evgueni** [RU/US]; 868 East 7th Street, Brooklyn, NY 11230 (US).
KISELYOV, Alexander [UA/US]; 174 Washington Street, Jersey City, NJ 07302 (US).

(74) **SOMERVILLE, Deborah, A. et al.** / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07D 401/04, A61K 31/415, A61P 25/28

(11) WO 2004/089931 (13) A1

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(22) 8 Mar/mar 2004 (08.03.2004)

(25) de (26) de

(30) 103 15 572.4 5 Apr/avr 2003 DE
(05.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SUBSTITUTED PYRAZOLES

• PYRAZOLES SUBSTITUES

(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) **SCHIEMANN, Kai** [DE/DE]; Am Rödergraben 8, 64342 Seeheim-Jugenheim (DE).
ACKERMANN, Karl-August [DE/DE]; Am Pfarrweiher 40, 64372 Ober-Ramstadt (DE).
ARLT, Michael [DE/DE]; Im Stenger 7, 64665 Alsbach (DE).
FINSINGER, Dirk [DE/DE]; Pippingerstrasse 33, 81245 München (DE).
SCHADT, Oliver [DE/DE]; Eschenstrasse 32, 63517 Rodenbach (DE).
VAN AMSTERDAM, Christoph [DE/DE]; Schepp-Allee 47, 64295 Darmstadt (DE).
BARTOSZYK, Gerd [DE/DE]; Kreuzstrasse 57, 64331 Weitestadt (DE).
SEYFRIED, Christoph [DE/DE]; Mathildenstrasse 6, 64342 Seeheim-Jugenheim (DE).

(74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C07D 401/04, 231/10
(11) WO 2004/089932 (13) A1
(21) PCT/EP2004/002453
(22) 10 Mar/mar 2004 (10.03.2004)
(25) de (26) de
(30) 103 15 569.4 5 Apr/avr 2003 DE (05.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • SUBSTITUTED PYRAZOLE COMPOUNDS
• COMPOSES DE PYRAZOLE SUBSTITUES
- (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) SCHADT, Oliver [DE/DE]; Eschenstrasse 22, 63517 Rodenbach (DE). ARLT, Michael [DE/DE]; Im Strenger 7, 64665 Alsbach (DE). FINSINGER, Dirk [DE/DE]; Im Fiedlersee 5, 64291 Darmstadt (DE). SCHIEMANN, Kai [DE/DE]; Am Rödergraben 8, 64342 Seeheim-Jugenheim (DE). VAN AMSTERDAM, Christoph [DE/DE]; Schepp-Allee 47, 64295 Darmstadt (DE). BARTOSZYK, Gerd [DE/DE]; Kreuzstasse 57, 64331 Weiterstadt (DE). SEYFRIED, Christoph [DE/DE]; Mathildenstrasse 6, 64342 Seeheim-Jugenheim (DE).
- (74) MERCK PATENT GMBH; Frankfurter Strasse 250, 64293 Darmstadt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07D 401/12
(11) WO 2004/089934 (13) A1
(21) PCT/IB2004/001069
(22) 29 Mar/mar 2004 (29.03.2004)
(25) en (26) en
(30) 60/461,632 9 Apr/avr 2003 US (09.04.2003)
(30) 60/516,860 3 Nov/nov 2003 US (03.11.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • PROCESSES FOR THE PREPARATION OF N-(((PYRIDINYL-OXY)-PHENYLAMINO) QUINAZOLINYL)-ALLYL ACETAMIDE DERIVATIVES AND RELATED COMPOUNDS AS WELL AS INTERMEDIATES OF SUCH PROCESSES AND PROCESSES FOR THE PREPARATION OF SUCH INTERMEDIATES
• PROCEDES DE PREPARATION DE DERIVES DE N-(((PYRIDINYL-OXY)-PHENYLAMINO) QUINAZOLINYL)-ALLYL ACETAMIDE ET DES COMPOSES APPARENTES ET INTERMEDIAIRES POUR CES PROCEDES ET
- (30) 2003-099411 2 Apr/avr 2003 JP (02.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • NOVEL CRYSTAL OF FLUOROBENZAMIDE DERIVATIVE
• NOUVEAU CRISTAL DE DERIVE DE FLUOROBENZAMIDE
- (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) YOSHIDA, Shinya [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 160-2, Akahama, Takahagi-shi, Ibaraki 318-0001 (JP). WATANABE, Toshihiro [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). MARUMO, Kiyotaka [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 160-2, Akahama, Takahagi-shi, Ibaraki 318-0001 (JP). YAMAGUCHI, Sou [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP).
- (74) MORITA, Hiroshi 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 401/06, A61K 31/4725, A61P 9/10, 43/00
(11) WO 2004/089933 (13) A1
(21) PCT/JP2004/004794
(22) 1 Apr/avr 2004 (01.04.2004)
(25) ja (26) ja
- PROCEDES DE PREPARATION DE CES INTERMEDIAIRES
- (71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RIPIN, David, Harold, Brown [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). VETELINO, Michael, Girard [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). WEI, Lulin [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).
- (74) LUMB, J., Trevor 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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-
- (51)⁷ C07D 401/12, A61K 31/4439
(11) WO 2004/089935 (13) A1
(21) PCT/IN2003/000151
(22) 10 Apr/avr 2003 (10.04.2003)
(25) en (26) en
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • NOVEL CRYSTALLINE FORMS OF S-OMEPRAZOLE MAGNESIUM
• NOUVELLES FORMES CRISTALLINES DE S-OMEPRAZOLE MAGNESIUM
- (71) HETERO DRUGS LIMITD [IN/IN]; Hetero House, 8-3-166/7/1 Erragadda, Hyderabad 500 018, Andhrapradesh (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARTHASARADHI, Reddy, Bandi [IN/IN]; Hetero House, 8-3-166/7/1 Erragadda, Hyderabad 500 018, Andhrapradesh (IN). RATHNAKAR, Reddy, Kura [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). RAJI, Reddy, Rapolu [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). MURALIDHARA, Reddy, Dasari [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). SUBASH CHANDER, Reddy, Kesireddy [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN).
- (74) RATHNAKAR, Reddy, Kura; Hetero Drugs Limited (R & D), Plot No. B-80 &

- 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

- (51)⁷ C07D 401/12, 409/12, 409/14, 498/06, 515/06, A61K 31/4045, 31/4439, 31/407, 31/5383, 31/553, 31/554, A61P 1/00, 1/12, 3/04, 3/06, 3/10, 13/02, 13/04, 25/24, 43/00
- (11) WO 2004/089936 (13) A1
- (21) PCT/JP2004/005056
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) ja (26) ja
- (30) 2003-106051 10 Apr/avr 2003 JP (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • HETEROARYLSULFONANILIDE DERIVATIVE AND MEDICINAL COMPOSITION CONTAINING THE SAME
- DERIVE D'HETEROARYLSULFONANILIDE ET COMPOSITION PHARMACEUTIQUE LE CONTENANT
- (71) DAINIPPON PHARMACEUTICAL CO., LTD. [JP/JP]; 6-8, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-8524 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HARADA, Hiroshi [JP/JP]; 8-25-703, Minamikandeden 1-chome, Suita-shi, Osaka 564-0044 (JP). SAWA, Masaaki [JP/JP]; 3-8, Minamikasugaoka 3-chome, Ibaraki-shi, Osaka 567-0046 (JP). MIZUNO, Kazuhiro [JP/JP]; 26-15, Higashitoyonakacho 1-chome, Toyonaka-shi, Osaka 560-0003 (JP). TATEISHI, Hiro-taka [JP/JP]; 161-1-502, Nakamozucho 2-cho, Sakai-shi, Osaka 591-8023 (JP). KATO, Shiro [JP/JP]; 6-18, Ebarajicho 2-cho, Sakai-shi, Osaka 593-8304 (JP). OUE, Mayumi [JP/JP]; 8-1-916, Koryohigashimachi 3-cho, Sakai-shi, Osaka 590-0025 (JP). TSUJUCHI, Hiroshi [JP/JP]; 3-36-102, Toneyama 4-chome, Toyonaka-shi, Osaka 560-0045 (JP).

- (74) KAWAMIYA, Osamu 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C07D 401/14, 403/04, 413/04, 413/14, 417/04, 419/14, A61K 31/551, 31/553, 31/554, A61P 7/02, 9/10
- (11) WO 2004/089937 (13) A1
- (21) PCT/JP2004/004999
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) ja (26) ja
- (30) 2003-104197 8 Apr/avr 2003 JP (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • 7-MEMBERED HETEROCYCLIC DERIVATIVE
- DERIVE HETEROCYCLIQUE A SEPT ELEMENTS
- (71) DAIICHI PHARMACEUTICAL CO., LTD. [JP/JP]; 14-10, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-8234 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OCHIAI, Yuichi [JP/JP]; c/o Daiichi Pharmaceutical Co., Ltd., Tokyo R & D Center, 16-13, Kitakasai 1-chome, Edogawa-ku, Tokyo 134-8630 (JP). ISHIYAMA, Takashi [JP/JP]; c/o Daiichi Pharmaceutical Co., Ltd., Tokyo R & D Center, 16-13, Kitakasai 1-chome, Edogawa-ku, Tokyo 134-8630 (JP). KANAYA, Naoaki [JP/JP]; c/o Daiichi Pharmaceutical Co., Ltd., Tokyo R & D Center, 16-13, Kitakasai 1-chome, Edogawa-ku, Tokyo 134-8630 (JP).

- (74) THE PATENT CORPORATE BODY ARUGA PATENT OFFICE; Kyodo Bldg., 3-6, Nihonbashingyocho 1-chome, Chuo-ku, Tokyo 103-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C07D 403/10
- (11) WO 2004/089938 (13) A1
- (21) PCT/IN2003/000146
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) en (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A NOVEL CRYSTALLINE FORM OF IRBESARTAN
- NOUVELLE FORME CRISTALLINE DE L'IRBESARTAN
- (71) HETERO DRUGS LIMITED [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARTHASARADHI, Reddy, Bandi [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN). RATHNAKAR, Reddy, Kura [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). RAJI, Reddy, Rapolu [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). RAMAKRISHNA, Reddy, Matta [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN).
- (74) RATHNAKAR, Reddy, Kura; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

- (51)⁷ C07D 405/04, 491/048, A61K 31/495, 31/4355, A61P 25/00 // (C07D 491/048, 307:00)
- (11) WO 2004/089939 (13) A1
- (21) PCT/JP2004/003435
- (22) 15 Mar/mar 2004 (15.03.2004)
- (25) en (26) en

- (30) 2003901647 **4 Apr/avr 2003** AU
(04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CONDENSED FURAN DERIVATIVES AS ADENOSINE ANTAGONISTS
• DERIVES DE FURAN CONDENSE UTILISES EN TANT QU'ANTAGONISTES D'ADENOSINE
- (71) FUJISAWA PHARMACEUTICAL CO., LTD. [JP/JP]; 4-7, Doshomachi 3-chome, Chuo-Ku, Osaka-Shi, OSAKA 541-8514 JP (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YONISHI, Satoshi [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). ITANI, Hiromichi [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). SATO, Yoshinari [JP/JP]; 7-1-9, Higashihagoromi, Takaiishi-shi, Osaka 592-0003 (JP). TSUTSUMI, Hideo [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). AKAHANE, Atsushi [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP).
- (74) TABUSHI, Eiji; c/o Fujisawa Pharmaceutical Co., Ltd., Osaki Factory, 1-6, Kashima 2-chome, Yodogawa-ku, Osaki-shi, OSAKA 532-8514 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 405/12, 405/14, 307/91, 401/12, 409/12, A61K 31/4427, A61P 29/00
- (11) WO 2004/089940 (13) A1
- (21) PCT/IB2004/000355
- (22) 11 Feb/fév 2004 (11.02.2004)
- (25) en (26) en
- (30) 363/MUM/2003 **11 Apr/avr 2003** IN
(11.04.2003)
- (30) 60/519,967 **13 Nov/nov 2003** US
(13.11.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • NOVEL HETEROCYCLIC COMPOUNDS USEFUL FOR THE TREATMENT OF INFLAMMATORY AND ALLERGIC DISORDERS: PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM
• NOUVEAUX COMPOSES HETEROCYCLIQUES POUR LE TRAITEMENT
- DES AFFECTIONS INFLAMMATOIRES ET ALLERGIQUES, LEUR PROCEDE DE PREPARATION ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT
- (71) GLENMARK PHARMACEUTICALS LTD. [IN/IN]; B/2, Mahalaxmi Chambers, 22, Bhulabhai Desai Road, Mumbai-400 026 (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GOPALAN, Balasubramanian [IN/IN]; B/2, Mahalaxmi Chambers, 22, Bhulabhai Desai Road, Mumbai-400 026 (IN). GHARAT, Laxmikant, Atmaram [IN/IN]; B/2, Mahalaxmi Chambers, 22, Bhulabhai Desai Road, Mumbai-400 026 (IN). LAKDAWALA, Aftab, Dawoodbhai [IN/IN]; B/2, Mahalaxmi Chambers, 22, Bhulabhai Desai Road, Mumbai-400 026 (IN). KARAUANAKARAN, Usha [IN/IN]; B/2, Mahalaxmi Chambers, 22, Bhulabhai Desai Road, Mumbai-400 026 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07D 407/04, 407/10, 413/10
- (11) WO 2004/089941 (13) A1
- (21) PCT/EP2004/050276
- (22) 10 Mar/mar 2004 (10.03.2004)
- (25) en (26) en
- (30) 228/MAS/2003 **19 Mar/mar 2003** IN
(19.03.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • NEW HETEROCYCLIC COMPOUNDS, A PROCESS FOR THEIR PREPARATION AND THEIR USE AS DYES AND PIGMENTS
• NOUVEAUX COMPOSES HETEROCYCLIQUES, PROCEDE DE PREPARATION DE CES COMPOSES ET LEUR UTILISATION EN TANT QUE COLORANTS ET PIGMENTS
- (71) CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ADAM, Jean-Marie [FR/FR]; Rue de Village-Neuf 60 D, F-68128 Rosenau (FR). DALVI, Pramod V. [IN/IN]; I-805 Ciba Housing Colony, Goregaon East, Mumbai 400 063 (IN). EKKUNDI, Vadiraj Subbanna [IN/IN]; D-318 Ciba Housing Colony, Goregaon East, Mumbai 400 063 (IN). BACHER, Jean-Pierre [FR/FR]; Rue des Vergers 9, F-68220 Buschwiller (FR). SREENIVASAN, Ramaswami [IN/IN]; 32, A-6/12, Wilderness Society, Jeevan Bima Nagar, Borivli (West), Mumbai 400 103 (IN). RANE, Deepak M. [IN/IN]; C/12-4 Doodhsagar Co-Op. Hsg. Society, Aarey-Ciba Road, Goregaon (East), Mumbai 400 065 (IN).
- (74) CIBA SPECIALTY CHEMICALS HOLDING INC.; Patent Department, Klybeckstrasse 141, CH-4057 Basel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 413/06, 417/06, 401/06, 451/02, A61K 31/423, A61P 25/18
- (11) WO 2004/089942 (13) A2
- (21) PCT/US2004/009859
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) en (26) en
- (30) 10/406,750 **2 Apr/avr 2003** US
(02.04.2003)
- (30) 10/408,192 **3 Apr/avr 2003** US
(03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • BENZIMIDAZOLIDINONE DERIVATIVES AS MUSCARINIC AGENTS
• DERIVES DE BENZIMIDAZOLIDINONE UTILISES EN TANT QU'AGENTS MUSCARINIQUES
- (63) US 10/406,750 (CIP)
2 Apr/avr 2003 (02.04.2003)
US 10/262,517 (CIP)
30 Sep/sep 2002 (30.09.2002)
US 60/326,754 (CIP)
2 Oct/oct 2001 (02.10.2001)
- (71) ACADIA PHARMACEUTICALS INC. [US/US]; 3911 Sorrento Valley Boulevard, San Diego, CA 92121-1402 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KELLY, Nicholas, Michael [GB/DK]; Strandboulevarden 42, 3.tv, DK-2100 København Ö (DK). KOCH, Kristian, Norup [DK/DK]; Borthigsgade 11, 2 sal, DK-2100 København Ö (DK). TOLF, Bo-Ragnar [SE/DK]; Ringstedgade 2, 1 tv, DK-2100 København Ö (DK).
- (74) HART, Daniel; Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 413/10, 413/14, A61K 31/422, A61P 31/04 // (C07D 413/10, 333:00, 263:00) (C07D 413/10, 307:00, 263:00) (C07D 413/10, 263:00, 211:00) (C07D 413/14, 307:00, 263:00, 211:00) (C07D 413/14, 263:00)
- (11) WO 2004/089943 (13) A1
- (21) PCT/IB2004/001135
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) en (26) en
- (30) 60/461,134 9 Apr/avr 2003 US (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ANTIMICROBIAL [3.1.0] BICYCLOHEXYLPHENYL-OXAZOLIDINONE DERIVATIVES AND ANALOGUES
- DERIVES DE [3.1.0] BICYCLOHEXYLPHENYL-OXAZOLIDINONE ANTIMICROBIENS ET LEURS ANALOGUES
- (71) PHARMACIA & UPJOHN COMPANY [US/US]; 301 Henrietta Street, Kakamazoo, MI 49001 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) RENSLO, Adam, Robert [US/US]; 5359 Shafter Avenue, Oakland, CA 94618 (US). GORDEEV, Mikhail, Fedor [US/US]; 5072 Stone Canyon Drive, Castro Valley, CA 94552 (US). PATEL, Dinesh, Vinoobhai [US/US]; 45109 Cougar Circle, Fremont, CA 94539 (US). GAO, Hongwu [CN/US]; 5937 Roxie Terrace, Fremont, CA 94555 (US). JOYSYULA, Vara, Prassad, Venkata, Nagendra [US/US]; Pfizer Global Research and Development, 2800 Plymouth Road, Ann Arbor, MI 48105 (US).
- (74) LUMB, J., Trevor 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 413/12, 413/14, A61K 31/422, A61P 31/04
- (11) WO 2004/089944 (13) A1
- (21) PCT/IB2003/001266
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) en (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OXAZOLIDINONE DERIVATIVES AS ANTIMICROBIALS
- DERIVES D'OXAZOLIDINONE COMME ANTIMICROBIENS
- (71) RANBAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, 110019 New Delhi, Delhi (IN).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MEHTA, Anita [IN/US]; 756 Old Checker Road, Buffalo Grove, IL 60089 (US). RUDRA, Sonali [IN/IN]; H 24A, Kalkaji, 2nd Floor, 110019 New Delhi, Delhi (IN). RAO, Ajjarapu, Venkata, Subrahmanya, Rajo [IN/IN]; Plot No. 475, 1st Floor, Sector 17, 122001 Gurgaon, Haryana (IN). YADAV, Ajay, Singh [IN/IN]; HIG-3, Block 7, Sector 14, Ashapush Vihar, 201001 Kawshambi, Ghaziabad (IN). RATTAN, Ashok [IN/IN]; B-481, Sarita Vihar, 110044 New Delhi, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 413/12, A61K 31/4402, A61P 3/10
- (11) WO 2004/089945 (13) A1
- (21) PCT/IB2004/001108
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 590/Del/2003 9 Apr/avr 2003 IN (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ROSIGLITAZONE DERIVATIVES AS ANTIDIABETIC AGENTS
- DERIVES DE ROSIGLITAZONE UTILES COMME AGENTS ANTIDIABETIQUES
- (71) RANBAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, New Delhi, Delhi 110019 (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, Gurgaon, Haryana 122002 (IN). GOWRISHANKAR, Radhakrishnan [IN/IN]; 108, Block 21, Heritage City, Gurgaon, Haryana 122002 (IN). ARYAN, Ram, Chander [IN/IN]; 1066, Sector - A, Pocket - A, Vasant Kunj, New Delhi, Delhi 110070 (IN). BHUSHAN, Kumar Hari [IN/IN]; B-2/73, Second Floor, Janak Puri, New Delhi, Delhi 110058 (IN). MISHRA, Manoj, Kumar [IN/IN]; c/o: Mr. M. K. Mishra, Basant Vihar, Burla, Sambalpur, Orissa 768019 (IN).
- (74) RANBAXY LABORATORIES LIMITED; c/o DESHMUKH, Jay, R., 600 College Road East, Suite 2100, Princeton, NJ 08540 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ C07D 413/12
- (11) WO 2004/089946 (13) A1
- (21) PCT/IN2003/000143
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) en (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MICROWAVE SYNTHESIS OF MYCOPHENOLATE
- SYNTHÈSE DE MYCOPHENOLATE-MOFETIL PAR IRRADIATION PAR MICRO-ONDES
- (71) BIOCON LIMITED [IN/IN]; 20th Km, Hosur Road, Hebbagodi, Bangalore, Karnataka 561 229 (IN).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ADHIKARY, Laxmi [IN/IN]; c/o Biocon India Limited, 20th Km Hosur Road, Hebbagodi, Bangalore, Karnataka 561 229 (IN). SURYANARAYAN, Shrikumar [IN/IN]; c/o Biocon India Limited, 20th Km Hosur Road, Hebbagodi, Bangalore, Karnataka 561 229 (IN).
- (74) ANAND, Pravin et al. / etc.; Anand and 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C07D 413/14, 413/12, 405/14, 405/12

(11) WO 2004/089947 (13) A2

(21) PCT/EP2004/003306

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 103 16 081.7 8 Apr/avr 2003 DE (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NOVEL COMPOUNDS HAVING AN ANTIBACTERIAL ACTIVITY
• NOUVEAUX COMPOSES A ACTIVITE ANTIBACTERIENNE

(71) MORPHOCHEM AG [DE/DE]; Aktiengesellschaft für Kombinatorische Chemie, Gmunder Strasse 37-37a, 81379 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUBSCHWERLEN, Christian [FR/FR]; 15, rue de la Gendarmerie, F-68480 Durmenach (FR). SURIVET, Jean Philippe [FR/FR]; 19, rue Theo Bachmann, F-68300 Saint-Louis (FR). ZUMBRUNN, Cornelia [DE/CH]; Alemannengasse 57, CH-4058 Basel (CH).

(74) FORSTMAYER, Dietmar et al. / etc.; Boeters & Lieck, Bereiteranger 15, 81541 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 417/12, A61K 31/425

(11) WO 2004/089948 (13) A1

(21) PCT/IN2003/000154

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NOVEL CRYSTALLINE FORMS OF ZIPRASIDONE HYDROCHLORIDE
• NOUVELLES FORMES CRISTAL-LINES D'HYDROCHLORURE DE ZIPRASIDONE

(71) HETERO DRUGS LIMITED [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARTHASARADHI, Reddy, Bandi [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN). RATHNAKAR, Reddy, Kura [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). RAJI, Reddy, Rapolu [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). MURALIDHARA, Reddy, Dasari [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). SRINIVAS, Reddy, Itiyala [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN).

(74) RATHNAKAR, Reddy, Kura; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ C07D 417/14, 417/04, A61K 31/428, A61P 25/00

(11) WO 2004/089949 (13) A1

(21) PCT/EP2004/003734

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 03008038.6 14 Apr/avr 2003 EP (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • 7-([1,4]DIOXAN-2-YL)-BENZOTHIAZOLE DERIVATIVES AS ADENOSINE RECEPTOR LIGANDS
• DERIVES DE 7-([1,4]DIOXAN-2-YL)-BENZOTHIAZOLE UTILISES COMME LIGANDS DES RECEPTEURS DE L'ADENOSINE

(71) F. HOFFMANN-LA ROCHE AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FLOHR, Alexander [DE/CH]; St. Galler-Ring 142, CH-4054 Basel (CH). NORCROSS, Roger, David [GB/CH]; 20 Alte Saline, CH-4310 Rheinfelden (CH).

(74) POPPE, Regina; Grenzacherstrasse 124, CH-4070 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 471/04, 513/04, A61K 31/435 // (C07D 471/04, 235:00, 221:00) (C07D 513/04, 277:00, 221:00)

(11) WO 2004/089950 (13) A1

(21) PCT/EP2004/003626

(22) 6 Apr/avr 2004 (06.04.2004)

(25) de (26) de

(30) 103 16 659.9 11 Apr/avr 2003 DE (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TRICYCLIC HETEROAROMATIC COMPOUNDS
• COMPOSES HETEROAROMATIQUES TRICYCLIQUES

(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH [DE/DE]; Binger Strasse 173, Ingelheim/Rhein (DE).
(for all designated States except / pour tous les États désignés sauf DE US)

(71) BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG [DE/DE]; Binger Str. 173, 55216 Ingelheim (DE).
(only for / seulement pour DE)

(72, 75) HAUDEL, Norbert [DE/DE]; Marderweg 12, 88433 Schemmerhofen (DE). DRAHEIM, Henning [DE/DE]; Autunstrasse 20, 55218 Ingelheim (DE).

(74) BOEHRINGER INGELHEIM INTERNATIONAL GMBH; Binger Strasse 173, 55216 Ingelheim/Rhein (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 471/04, A61K 31/4188, 31/4353

(11) WO 2004/089951 (13) A1

(21) PCT/FR2004/000785

(22) 29 Mar/mar 2004 (29.03.2004)

(25) fr (26) fr

(30) 03/03924 31 Mar/mar 2003 FR
(31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • IMIDAZOPYRIDINE DERIVATIVES
AS MELANOCORTIN RECEPTOR AG-
ONISTS

• DERIVES D'IMIDAZO-PYRIDINE
COMME AGONISTES DU RECEPT-
TEUR DE LA MELANOCORTINE

(71) SOCIETE DE CONSEILS DE
RECHERCHES ET D'APPLICATIONS
SCIENTIFIQUES (S.C.R.A.S.) [FR/FR];
Société par Actions Simplifiée, 42, rue du
Docteur Blanche, F-75016 Paris (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) POITOUT, Lydie [FR/FR]; 2 rue Ana-
tole France, F-94270 Le Kremlin Bicêtre
(FR). BRAULT, Valérie [FR/FR]; 5 rue de la
Ferme de Belleville, F-91190 Gif-Sur-Yvette
(FR). SACKUR, Carole [FR/FR]; 11 rue
Jean Beausire, F-75004 Paris (FR). ROU-
BERT, Pierre [FR/FR]; 16 rue Sarrette,
F-75014 Paris (FR). PLAS, Pascale [FR/FR];
1 Clos de la Marquise, F-92320 Châtillon
(FR).

(74) BOURGOIN, André; IPSEN -
S.C.R.A.S., Direction de la Propriété In-
dustrielle, 24 rue Erlanger, F-75781 Paris
Cedex 16 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ C07D 473/16, A61K 31/52

(11) WO 2004/089952 (13) A1

(21) PCT/IN2003/000145

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NOVEL CRYSTALLINE FORMS OF
ABACAVIR SULFATE

• NOUVELLES FORMES CRISTAL-
LINES DE SULFATE D'ABACAVIR

(71) HETERO DRUGS LIMITED [IN/IN];
Hetero House, 8-3-166/7/1, Erragadda, Hy-
derabad 500 018, Andhra Pradesh (IN).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PARTHASARADHI, Reddy, Bandi
[IN/IN]; Hetero House, 8-3-166/7/1, Erra-
gadda, Hyderabad 500 018, Andhra Pradesh
(IN). RATHNAKAR, Reddy, Kura [IN/IN];
Hetero Drugs Limited (R & D), Plot No.
B-80 & 81, A.P.I.E., Balanagar, Hyderabad
500 018, Andhra Pradesh (IN). RAJI, Reddy,
Rapolu [IN/IN]; Hetero Drugs Limited (R & D),
Plot No. B-80 & 81, A.P.I.E., Balanagar,
Hyderabad 500 018, Andhra Pradesh (IN).
MURALIDHARA, Reddy, Dasari [IN/IN];
Hetero Drugs Limited (R & D), Plot No.
B-80 & 81, A.P.I.E., Balanagar, Hyderabad
500 018, Andhra Pradesh (IN). SUBASH
CHANDER, Reddy, Kesireddy [IN/IN];
Hetero Drugs Limited (R & D), Plot No.
B-80 & 81, A.P.I.E., Balanagar, Hyderabad
500 018, Andhra Pradesh (IN).

(74) RATHNAKAR, Reddy, Kura; Hetero
Drugs Limited (R & D), Plot No. B-80 &
81, A.P.I.E., Balanagar, Hyderabad 500 018,
Andhra Pradesh (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 EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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 EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ C07D 473/30, A61K 31/522, A61P 9/00

(11) WO 2004/089953 (13) A1

(21) PCT/EP2004/050234

(22) 2 Mar/mar 2004 (02.03.2004)

(25) en (26) en

(30) 03004740.1 4 Mar/mar 2003 EP
(04.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PURIN-6-ONE-DERIVATIVES

• DERIVES DE PURINE-6-ONE

(71) ALTANA PHARMA AG [DE/DE];
Byk-Gulden-Str. 2, 78467 Konstanz (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72) QUINTINI, Gianluca; Eichhornstr. 51,
78464 Konstanz (DE).

(only for / seulement pour AE AG AL AM AT
AU AZ BA BB BE BG BR BW BY BZ CH CN
CO CR CU CY CZ DE DK DM DZ EC EE EG
ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX MZ NA NI
NO NZ OM PG PH PL PT RO RU SC SD SE
SG SK SL SY SZ TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW)

(72, 75) TENOR, Hermann [DE/DE]; Re-
ichenastr. 17, 78315 Radolfzell (DE).
BAER, Thomas [DE/DE]; Berggaessle 5,
78479 Reichenau (DE). HATZELMANN,
Armin [DE/DE]; Alter Wall 3, 78467 Kon-
stanz (DE).

(74) RUPP, Herbert; c/o Altana Pharma AG,
Byk-Gulden-Str. 2, 78467 Konstanz (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ C07D 477/14, A61K 31/407, A61P 31/04

(11) WO 2004/089954 (13) A1

(21) PCT/JP2004/004978

(22) 6 Apr/avr 2004 (06.04.2004)

(25) ja (26) ja

(30) 2003-104539 8 Apr/avr 2003 JP
(08.04.2003)

(30) 2003-125016 30 Apr/avr 2003 JP
(30.04.2003)

(30) 2003-125738 30 Apr/avr 2003 JP
(30.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NOVEL CARBAPENEM COMPOUNDS

• NOUVEAUX COMPOSES DE CARBA-
PENEM

(71) SUMITOMO PHARMACEUTICALS
CO., LTD. [JP/JP]; 2-8, Doshomachi
2-chome, Chuo-ku, Osaka-shi, Osaka
541-8510 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUNAGAWA, Makoto** [JP/JP]; c/o Sumitomo Pharmaceuticals Co., Ltd., 1-98, Kasugadenaka 3-chome, Konohana-ku, Osaka-shi, Osaka 554-0022 (JP). **SASAKI, Akira** [JP/JP]; c/o Sumitomo Pharmaceuticals Co., Ltd., 1-98, Kasugadenaka 3-chome, Konohana-ku, Osaka-shi, Osaka 554-0022 (JP). **HORI, Seiji** [JP/JP]; c/o Sumitomo Pharmaceuticals Co., Ltd., 1-98, Kasugadenaka 3-chome, Konohana-ku, Osaka-shi, Osaka 554-0022 (JP).

(74) **ISOBE, Yutaka**; c/o Intellectual Property Dept., Sumitomo Pharmaceuticals Co., Ltd., 1-98, Kasugadenaka 3-chome, Konohana-ku, Osaka-shi, Osaka 554-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 487/04, 239/46, 239/42, A61K 31/519, A61P 35/00

(11) WO 2004/089955 (13) A1

(21) PCT/EP2004/003447

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/461,694 10 Apr/avr 2003 US (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PYRIMIDO COMPOUNDS
• COMPOSES PYRIMIDO

(71) **F.HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstr. 124, CH-4070 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHEN, Yi** [US/US]; 2 Cottage Place, Nutley, NJ 07110 (US). **DERMATAKIS, Apostolos** [GR/US]; 5 Borelle Square, Parlin, NJ 08859 (US). **LIU, Jin-Jun** [US/US]; 50 Highmount Avenue, Warren, NJ 07059 (US). **LUK, Kin-Chun** [US/US]; 66 Evergreen Drive, North Caldwell, NJ 07006 (US). **MICHOUD, Christophe** [FR/US]; 155 East 93rd Street, Apt. 11E, New York, NY 10128 (US). **ROSSMAN, Pamela, Loreen** [US/US]; 82 Oakley Terrace, Nutley, NJ 07110 (US).

(74) **SCHAGER, Frank**; 124 Grenzacherstrasse, CH-4070 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁶ C07D 493/04, A61K 31/35

(11) WO 2004/089956 (13) A1

(21) PCT/JP1997/003047

(22) 1 Sep/sep 1997 (01.09.1997)

(25) ja (26) ja

(30) 8/255673 27 Sep/sep 1996 JP (27.09.1996)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NOVEL AMINO ACID DYSIHERBAINE

• NOUVELLE DYSIHERBAINE ACIDES AMINES

(71, 72) **SHIMAMOTO, Keiko** [JP/JP]; 3-4-6, Takanodai, Suita-shi, Osaka 565 (JP). **SAKAI, Ryuichi** [JP/JP]; 124, Sugishita, Okkirai, Sanriku-cho, Kesen-gun, Iwate 022-01 (JP).

(74) **SHAMOTO, Ichio et al.** / etc.; Yuasa and Hara, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) US.

Published / Publiée : (e): 14Nov/nov 2000 (14.11.2000), 6147230

(51)⁷ C07D 495/04, A61K 31/382

(11) WO 2004/089957 (13) A1

(21) PCT/IN2003/000144

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A NOVEL CRYSTALLINE FORM OF DORZOLAMIDE HYDROCHLORIDE
• NOUVELLE FORME CRISTALLINE DE CHLORHYDRATE DE DORZOLAMIDE

(71) **HETERO DRUGS LIMITED** [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARTHASARADHI, Reddy, Bandi** [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN). **RATHNAKAR, Reddy, Kura** [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). **RAJI, Reddy, Rapolu** [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). **MURALIDHARA, Reddy, Dasari** [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). **SRINIVAS, Reddy, Itiyala** [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN).

(74) **RATHNAKAR, Reddy, Kura**; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ C07D 498/00

(11) WO 2004/089958 (13) A2

(21) PCT/US2004/010033

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,591 31 Mar/mar 2003 US (31.03.2003)

(30) 60/461,707 9 Apr/avr 2003 US (09.04.2003)

(30) 60/512,887 20 Oct/oct 2003 US (20.10.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CRYSTALLIZATION AND PURIFICATION OF MACROLIDES

• CRISTALLISATION ET PURIFICATION DE MACROLIDES

(71) **BIOGAL GYOGYSZERGYAR RT.** [HU/HU]; Pallagi 13, H-4043 Debrecen (HU).

(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) **KERI, Vilmos** [HU/HU]; 15 Markotanyos Strasse, H-4028 Debrecen (HU). **CSORVASI, Andrea** [HU/HU]; Nyar Street 23, H-4027 Debrecen (HU).

(74) **BRAINARD, Charles, R.**; Kenyon & Kenyon, One Broadway, New York, NY 10004-1050 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07F

(11) WO 2004/089959 (13) A2

(21) PCT/US2004/009808

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/403,213 31 Mar/mar 2003 US (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MIXED METAL OXIDE CATALYSTS FOR THE PRODUCTION OF UNSATURATED ALDEHYDES FROM OLEFINS
• CATALYSEURS D'OXYDES METALLIQUES MIXTES POUR LA PRODUCTION D'ALDEHYDES INSATURES A PARTIR D'OLEFINES

(71) SAUDI BASIC INDUSTRIES CORPORATION [SA/SA]; P.O. Box 5101, Riyadh 11422 (SA).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) LIANG, Wugeng [CN/US]; 2002 Highland Bay Court, Katy, TX 77450 (US). STEVENSON, Scott, A. [US/US]; 19106 Waverdale Court, Houston, TX 77094 (US). KAUFFMAN, James, W. [US/US]; 4423 Rittand Park, Katy, TX 77450 (US). LEDFORD, John, S. [US/US]; 502 Royal Lakes Boulevard, Richmond, TX 77469 (US). LINZER, Joseph, R. [US/US]; 14501 Empanada #509, Houston, TX 77083 (US).

(74) WHEELINGTON, Jimmy, Dale; Sabic Americas, Inc., Sabic Technology Center, 1600 Industrial Boulevard, Sugar Land, TX 77478 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP

(BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ C07F 5/02

(11) WO 2004/089960 (13) A2

(21) PCT/EP2004/003504

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 03007921.4 8 Apr/avr 2003 EP (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROCESS FOR PREPARATION OF CYCLOSPORIN A ANALOG
• PROCEDE POUR PREPARER UN ANALOGUE DE LA CYCLOSPORINE A

(71) ISOTECHNIKA INC. [CA/CA]; 2100 College Plaza, 8215-112th Street, Edmonton, Alberta T6G 2C8 (CA).

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(72, 75) ADAM, Jean-Michel [BE/—]; Im Reinacherhof 187, CH-4153 Reinach (CH). ABEL, Mark [CA/—]; 11530-9A Avenue, Edmonton, Alberta T6J 7B2 (CA). JAYARAMAN, Seetharaman [CA/—]; 11812-13 Avenue, Edmonton, Alberta T6J 7E9 (CA).

(74) WILKS, Susan, Sutterfield; Isotechnika Inc., Suite 100, 17301 North Perimeter Drive, Scottsdale, AZ 85255 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07F 7/18

(11) WO 2004/089961 (13) A1

(21) PCT/EP2004/003450

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) 103 15 811.1 7 Apr/avr 2003 DE (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ORGANOSILYL FUNCTIONALIZED PARTICLES AND THE PRODUCTION THEREOF

• PARTICULES FONCTIONNALISEES ORGANOSILYLE ET LEUR PRODUCTION

(71) CONSORTIUM FÜR ELEKTROCHEMISCHE INDUSTRIE GMBH [DE/DE]; Zielstattstr.20, 81379 München (DE).

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(72, 75) BRIEHN, Christoph [DE/DE]; Urbanstr.15, 81371 München (DE). KÖHLER, Thomas [DE/DE]; Lena-Christ-Str.7, 84556 Kastl (DE). STANJEK, Volker [DE/DE]; Hofbrunnstr.21, 81479 München (DE). WEIDNER, Richard [DE/DE]; Reiserstr.12, 84489 Burghausen (DE). SCHÄFER, Oliver [DE/DE]; Waldfriedhofstr.12, 81377 München (DE).

(74) FRITZ, Helmut et al. / etc.; c/o Wacker-Chemie GmbH, Hanns-Seidel-Platz 4, 81737 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07F 9/38, 9/40, A61K 31/662, A61P 19/02, 35/00

(11) WO 2004/089962 (13) A2

(21) PCT/IL2004/000302

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/460,408 7 Apr/avr 2003 US (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NEW CARBAMOYL-AND THIOCARBAMOYL-PHOSPHONATES AND PHARMACEUTICAL COMPOSITIONS COMPRISING THEM

• NOUVEAUX PHOSPHONATES DE CARBAMOYLE ET DE THIOCARBAMOYLE ET COMPOSITIONS PHARMACEUTIQUES LES COMPRENANT

(71) YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM [IL/IL]; Hi Tech Park, Edmond Safra Campus, Givat Ram, 91390 Jerusalem (IL).

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(72, 75) BREUER, Eli [IL/IL]; 18/10 Neve Shaanan Street, 93707 Jerusalem (IL). REICH, Reuven [IL/IL]; 32 Eisenberg Street, 76288 Rehovot (IL). GOLOMB, Gershon [IL/IL]; 20 Tirosh Street, 90435 Efrat (IL). KATZ, Yiffat [IL/IL]; Moriah Street 204/3, 90909 Neve Daniel (IL).

(74) REINHOLD COHN AND PARTNERS; P.O.B. 4060, 61040 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C07F 19/00, 17/02, C07D 403/02, A61K
33/24

(11) WO 2004/089963 (13) A1

(21) PCT/US2004/010280

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,551 4 Apr/avr 2003 US
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • COMPOSITIONS AND METHODS FOR
FACILITATING REACTION AT ROOM
TEMPERATURE

• COMPOSITIONS ET PROCEDES DES-
TINES A FACILITER UNE REACTION
A TEMPERATURE DE LABORATOIRE

(71) SAN DIEGO STATE UNIVERSITY
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Drive, San Diego, CA 92182-1998 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GROTJAHN, Douglas, Bryan
[US/US]; 4615 55th Street, San Diego,
CA 92101 (US). LEV, Daniel, A. [US/US];
1910 State Street #112, San Diego, CA 92101
(US).

(74) UXA, Frank, J.; Stout, Uxa, Buyan &
Mullins, LLP, 4 Venture, Suite 300, Irvine,
CA 92618 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ C07H 3/06, A61K 31/702, A61P 3/06,
3/04, 3/10, 9/10, 9/12, 9/04, 1/16, 1/10, 1/00,
35/00, 7/02, A23L 1/307, 1/30, A23D 9/00,
A23K 1/16

(11) WO 2004/089964 (13) A1

(21) PCT/JP2004/004079

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-100408 3 Apr/avr 2003 JP
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • LIPID-REGULATING AGENT AND
USE THEREOF

• AGENT REGULATEUR DE LIPIDES ET
SON UTILISATION

(71) KABUSHIKI KAISHA HAYASHIBARA
SEIBUTSU KAGAKU KENKYUJO
[JP/JP]; 2-3, Shimoishii 1-chome,
Okayama-shi, Okayama 700-0907 (JP).

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les États désignés sauf US)

(72, 75) OKU, Kazuyuki [JP/JP]; c/o Kabushiki
Kaisha Hayashibara, Seibutsu Kagaku
Kenkyujo, 2-3, Shimoishii 1-chome,
Okayama-shi, Okayama 700-0907 (JP).

KUBOTA, Michio [JP/JP]; c/o Kabushiki
Kaisha Hayashibara, Seibutsu Kagaku
Kenkyujo, 2-3, Shimoishii 1-chome,
Okayama-shi, Okayama 700-0907 (JP).

FUKUDA, Shigeharu [JP/JP]; c/o Kabushiki
Kaisha Hayashibara, Seibutsu Kagaku
Kenkyujo, 2-3, Shimoishii 1-chome,
Okayama-shi, Okayama 700-0907 (JP).

MIYAKE, Toshio [JP/JP]; c/o Kabushiki
Kaisha Hayashibara, Seibutsu Kagaku
Kenkyujo, 2-3, Shimoishii 1-chome,
Okayama-shi, Okayama 700-0907 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C07H 9/00

(11) WO 2004/089965 (13) A2

(21) PCT/GB2004/001568

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 343/MUM/2003 7 Apr/avr 2003 IN
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • PROCESS AND PRODUCT

• PROCEDE ET PRODUIT

(71) CIPLA LTD [IN/IN]; 289 Bellasis Road,
Mumbai Central, Mumbai 400 008 (IN).

(for all designated States except / pour tous
les États désignés sauf US)

(71) WAIN, Christopher, Paul [GB/GB]; A A
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WC1V 7LE (GB).

(only for / seulement pour MW)

(72, 75) KANKAN, Rajendra, Narayanrao
[IN/IN]; A-3/5, NBD Society, NSS Road,
Ghatkopar (West), Mumbai 400 084, Maha-
rashtra (IN). RAO, Dharmaraj, Ramachan-
dra [IN/IN]; 4/403 Garden Enclave, Pokhran
Road 2, Thane West, Mumbai 400 601,
Maharashtra (IN). SRINIVAS, Pathi, L.
[IN/IN]; 2475/24, 7th B Main, R P C Layout,
Vijayanagar, Bangalore 560 040, Karnataka
(IN).

(74) WAIN, Christopher, Paul 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C07H 17/02, 17/00, A61K 31/7056,
31/706, A61P 3/10, 43/00

(11) WO 2004/089966 (13) A1

(21) PCT/JP2004/001244

(22) 6 Feb/fév 2004 (06.02.2004)

(25) ja (26) ja

(30) 2003-097838 1 Apr/avr 2003 JP
(01.04.2003)

(30) 2003-404959 3 Dec/déc 2003 JP
(03.12.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • METHOD FOR SELECTIVE PREPARA-
TION OF HETEROARYL 5-THIO- β -D-
ALDOHEXOPYRANOSIDE

• PROCEDE DE PREPARATION SE-
LECTIVE DE 5-THIO-SG(B)-D-ALDO-
HEXOPYRANOSIDE HETEROARYLE

(71) TAISHO PHARMACEUTICAL CO.,
LTD. [JP/JP]; 24-1, Takata 3-chome,
Toshima-ku, Tokyo, 178633 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KAKINUMA, Hiroyuki [JP/JP]; C/o
Taisho Pharmaceutical Co., Ltd. 24-1, Takata
3-chome, Toshima-ku, Tokyo, 178633 (JP).

SATO, Masakazu [JP/JP]; C/o Taisho Phar-
maceutical Co., Ltd. 24-1, Takata 3-chome,
Toshima-ku, Tokyo, 178633 (JP). AMADA,
Hideaki [JP/JP]; C/o Taisho Pharmaceutical
Co., Ltd. 24-1, Takata 3-chome, Toshima-ku,
Tokyo, 178633 (JP). ASANUMA, Hajime
[JP/JP]; C/o Taisho Pharmaceutical Co., Ltd.
24-1, Takata 3-chome, Toshima-ku, Tokyo,
178633 (JP). TSUCHIYA, Yuko [JP/JP]; C/o
Taisho Pharmaceutical Co., Ltd. 24-1, Takata
3-chome, Toshima-ku, Tokyo, 178633 (JP).

(74) SHAMOTO, Ichio et al. / etc.; Yuasa
And Hara, Section 206, New Ohtemachi
Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku,
Tokyo1000004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C07H 17/02, A61K 31/7056, A61P 3/10, 43/00
- (11) WO 2004/089967 (13) A1
(21) PCT/JP2004/001272
(22) 6 Feb/fév 2004 (06.02.2004)
(25) ja (26) ja
- (30) 2003-097838 1 Apr/avr 2003 JP (01.04.2003)
(30) 2003-404959 3 Dec/déc 2003 JP (03.12.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • HETEROARYL 5-THIO-β-D-GLUCOPYRANOSIDE DERIVATIVES AND REMEDIES FOR DIABETES CONTAINING THE SAME
• DERIVES HETEROARYLE 5-THIO-SG(B)-D-GLUCOPYRANOSIDE ET MEDICAMENTS CONTRE LE DIABETE CONTENANT CES DERIVES
- (71) TAISHO PHARMACEUTICAL CO., LTD. [JP/JP]; 24-1, Takata 3-chome, Toshima-ku, Tokyo 1708633 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAKINUMA, Hiroyuki [JP/JP]; c/o Taisho Pharmaceutical Co., Ltd., 24-1, Takata 3-chome, Toshima-ku, Tokyo 1708633 (JP). SATO, Masakazu [JP/JP]; c/o Taisho Pharmaceutical Co., Ltd., 24-1, Takata 3-chome, Toshima-ku, Tokyo 1708633 (JP). AMADA, Hideaki [JP/JP]; c/o Taisho Pharmaceutical Co., Ltd., 24-1, Takata 3-chome, Toshima-ku, Tokyo 1708633 (JP). ASANUMA, Hajime [JP/JP]; c/o Taisho Pharmaceutical Co., Ltd., 24-1, Takata 3-chome, Toshima-ku, Tokyo 1708633 (JP). TSUCHIYA, Yuko [JP/JP]; c/o Taisho Pharmaceutical Co., Ltd., 24-1, Takata 3-chome, Toshima-ku, Tokyo 1708633 (JP).
- (74) SHAMOTO, Ichio et al. / etc.; Yuasa And Hara, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 1000004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07H 19/067
- (11) WO 2004/089968 (13) A1
(21) PCT/JP2004/005109
(22) 9 Apr/avr 2004 (09.04.2004)
(25) ja (26) ja
- (30) 2003-106849 10 Apr/avr 2003 JP (10.04.2003)

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROCESS FOR PRODUCING 2'-DEOXY-2'-FLUOROURIDINE
• PROCÉDÉ DE PRODUCTION DE 2'-DEOXY-2'-FLUOROURIDINE
- (71) CENTRAL GLASS COMPANY, LIMITED [JP/JP]; 5253, Oaza Okiube, Ube-shi, Yamaguchi, 7550001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ISHI, Akihiro [JP/JP]; c/o Chemical Research Center of CENTRAL GLASS COMPANY, LIMITED, 2805, Imafukunakadai, Kawagoe-shi, Saitama, 3501151 (JP). OOTSUKA, Takashi [JP/JP]; c/o Chemical Research Center of CENTRAL GLASS COMPANY, LIMITED, 2805, Imafukunakadai, Kawagoe-shi, Saitama, 3501151 (JP). KANAI, Masatomi [JP/JP]; c/o Chemical Research Center of CENTRAL GLASS COMPANY, LIMITED, 2805, Imafukunakadai, Kawagoe-shi, Saitama, 3501151 (JP). KURIYAMA, Yokusu [JP/JP]; c/o Chemical Research Center of CENTRAL GLASS COMPANY, LIMITED, 2805, Imafukunakadai, Kawagoe-shi, Saitama, 3501151 (JP). YASUMOTO, Manabu [JP/JP]; c/o Chemical Research Center of CENTRAL GLASS COMPANY, LIMITED, 2805, Imafukunakadai, Kawagoe-shi, Saitama, 3501151 (JP). INOMIYA, Kenjin [JP/JP]; c/o Chemical Research Center of CENTRAL GLASS COMPANY, LIMITED, 2805, Imafukunakadai, Kawagoe-shi, Saitama, 3501151 (JP). UEDA, Koji [JP/JP]; c/o Chemical Research Center of CENTRAL GLASS COMPANY, LIMITED, 2805, Imafukunakadai, Kawagoe-shi, Saitama, 3501151 (JP).
- (74) HASHIMOTO, Takeshi et al. / etc.; c/o Shiga Patent Office Ekisaikai Bldg., 1-29, Akashi-cho, Chuo-ku, Tokyo, 1040044 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07J
- (11) WO 2004/089969 (13) A2
(21) PCT/US2004/010007
(22) 2 Apr/avr 2004 (02.04.2004)
(25) en (26) en
- (30) 60/460,184 2 Apr/avr 2003 US (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CHOLESTEROL-CONTAINING COMPOUNDS AND THEIR USE AS IMMUNOGENS AGAINST BORRELLIA BURGDORFERI
• COMPOSES CONTENANT DU CHOLESTEROL ET LEUR UTILISATION

- COMME IMMUNOGENES CONTRE <I>BORRELLIA BURGDORFERI</I>
- (71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA as represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; National Institutes of Health, Office of Technology Transfer 6011 Executive Boulevard, Suite 325, Rockville, MD 20852-3804 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BEN-MENACHEM, Gil [IL/US]; 1714 Mark Lane, Rockville, MD 20852 (US). KUBLER-KIELB, Joanna [PL/US]; 212 Congressional Lane #201, Rockville, MD 20852 (US). SCHNEERSON, Rachel [US/US]; 10601 Weymouth Street, Bethesda, MD 20814 (US). ROBBINS, John, B. [US/US]; 3901 Rosemary Street, Chevy Chase, MD 20815 (US). POZSGAY, Vince [US/US]; 1745 Upshur Street NW, Washington, DC 20011 (US).
- (74) RUPERT, Wayne, W.; Klarquist, Sparkman, LLP, One World Trade Center, Suite 1600, 121 SW Salmon Street, Portland, OR 97204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ C07J
- (11) WO 2004/089970 (13) A2
(21) PCT/US2004/010352
(22) 2 Apr/avr 2004 (02.04.2004)
(25) en (26) en
- (30) 60/460,486 4 Apr/avr 2003 US (04.04.2003)
- (30) 10/815,351 1 Apr/avr 2004 US (01.04.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CRYSTALLINE 19-NORSTEROIDS
• 19-NORSTEROIDE CRISTALLIN
- (71) BRIDGE ORGANICS CO. [US/US]; 311 W. Washington Street, Vicksburg, MI 49097-1200 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VAN, RHEENEN, Verlan, H. [US/US]; 2117 Sheffield, Kalamazoo, MI 49008 (US).
- (74) DOLCE, Marcus, P.; Price, Heneveld, Cooper, DeWitt & Litton, LLC, 695 Kenmoor, S.E., P.O. Box 2567, Grand Rapids, MI 49501-2567 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07J 1/00, 11/00
 (11) WO 2004/089971 (13) A1
 (21) PCT/CA2004/000517
 (22) 6 Apr/avr 2004 (06.04.2004)
 (25) en (26) en
 (30) 60/461,069 7 Apr/avr 2003 US (07.04.2003)
 (30) 10/815,515 31 Mar/mar 2004 US (31.03.2004)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • TOPICAL ANTIANDROGENIC STEROIDS
 • STEROIDES ANTIANDROGENIQUES TOPIQUES
 (71) ENDORECHERCHE, INC. [CA/CA]; 2989 de la Promenade, Sainte-Foy, Quebec G1W 2J5 (CA).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) LABRIE, Fernand [CA/CA]; 2989 de la Promenade, Sainte-Foy, Quebec G1W 2J5 (CA). PROVENCHER, Louis [CA/CA]; 2989 de la Promenade, Sainte-Foy, Quebec G1W 2J5 (CA). GAUTHIER, Sylvain [CA/CA]; 2989 de la Promenade, Sainte-Foy, Quebec G1W 2J5 (CA).
 (74) MITCHELL, Richard, J. et al. / etc.; c/o 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07K
 (11) WO 2004/089973 (13) A2
 (21) PCT/US2004/010353
 (22) 2 Apr/avr 2004 (02.04.2004)
 (25) en (26) en
 (30) 60/459,939 2 Apr/avr 2003 US (02.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • PEPTIDES, POLYPEPTIDES, AND PROTEINS OF REDUCED IMMUNOGENICITY AND METHODS FOR THEIR PRODUCTION
 • PEPTIDES, POLYPEPTIDES ET PROTEINES D'IMMUNOGENICITE REDUITE ET LEURS PROCÉDES DE PRODUCTION
 (63) US 60/459,939 (CIP)
 2 Apr/avr 2003 (02.04.2003)
 US 10/103,395 (CIP)
 20 Mar/mar 2002 (20.03.2002)
 US 09/009,953 (CIP)
 21 Jan/jan 1998 (21.01.1998)
 US 60/036,713 (CIP)
 23 Jan/jan 1997 (23.01.1997)
 US 60/037,432 (CIP)
 7 Feb/fév 1997 (07.02.1997)
-
- (71) EPIMMUNE INC. [US/US]; 5820 Nancy Ridge Road, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) TANGRI, Shabnam [IN/US]; 5683 Glenstone Way, San Diego, CA 92121 (US). MOTHE, Bianca [BR/US]; 5419 Gooseberry Way, Oceanside, CA 92057 (US). SETTE, Alessandro [IT/US]; 5551 Linda Rosa Avenue, La Jolla, CA 92037 (US). SOUTHWOOD, Scott [US/US]; 10679 Strathmore Drive, Santee, CA 92071 (US). BRIGGS, Kristen [US/US]; 2454 Mango Way, Del Mar, CA 92014-2919 (US). CHESTNUT, Robert, W. [US/US]; 1473 Kings Cross Drive, Cardiff-by-the-Sea, CA 92007 (US).
 (74) EISENSCHENK, Frank, C. et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, 2421 NW 41st Street, Suit A-1, Gainesville, FL 32606-6669 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07K 1/113, 1/08, 1/00, B01J 31/22, C07C 6/06, C07F 15/00
 (11) WO 2004/089974 (13) A1
 (21) PCT/EP2004/003216
 (22) 26 Mar/mar 2004 (26.03.2004)
 (25) en (26) en
 (30) 60/461,879 10 Apr/avr 2003 US (10.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • PROCESS FOR THE PREPARATION OF MACROCYCLIC COMPOUNDS BY RUTHENIUM COMPLEX CATALYSED METATHESIS REACTION
 • PROCÉDE POUR PRÉPARER DES COMPOSÉS MACROCYCLIQUES PAR RÉACTION DE MÉTATHÈSE CATALYSÉE PAR COMPLEXE DE RUTHÉNIUM
 (71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH [DE/DE]; Binger Strasse 173, 55216 INGELHEIM (DE).
(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)
 (71) BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG [DE/DE]; Binger Strasse 173, 55216 INGELHEIM (DE).
(only for / seulement pour DE)
 (72, 75) DERSCH, Wolfgang [DE/DE]; Magdeburgerstrasse 60, 55218 INGELHEIM (DE). SAMSTAG, Wendelin [DE/DE]; Franziska-Puricelli-Strasse 6, 55543 BAD-KREUZNACH (DE).
 (74) BOEHRINGER INGELHEIM INTERNATIONAL GMBH; Binger Strasse 173, 55216 INGELHEIM (DE).
-
- (51)⁷ C07K
 (11) WO 2004/089972 (13) A2
 (21) PCT/US2004/010108
 (22) 31 Mar/mar 2004 (31.03.2004)
 (25) en (26) en
 (30) 60/459,813 2 Apr/avr 2003 US (02.04.2003)

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07K 4/00

(11) WO 2004/089975 (13) A2

(21) PCT/GB2004/001580

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 0308515.6 12 Apr/avr 2003 GB (12.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PEPTIDES OF IRF-1

• PEPTIDES DE IRF-1

(71) UNIVERSITY COURT OF THE UNIVERSITY OF DUNDEE [GB/GB]; Nethergate, Perth Road, Dundee DD1 4HN (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BALL, Kathryn, Lindsay [GB/GB]; 2 Hazel Avenue, Dundee DD2 1QD (GB). DORNAN, David [GB/US]; Molecular Oncology, Genetech Inc., 1 DNA Way, South San Francisco, CA 94080 (US).

(74) MACDOUGALL, Donald, Carmichael et al. / etc.; Marks & Clerk, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 7/06, 7/08, 14/595, A61K 33/24, A61P 1/00, 35/00

(11) WO 2004/089976 (13) A1

(21) PCT/AU2004/000474

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 60/461,083 8 Apr/avr 2003 US (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD OF TREATMENT

• TECHNIQUE DE TRAITEMENT

(71) THE UNIVERSITY OF MELBOURNE [AU/AU]; Grattan Street, Parkville, VIC 3052 (AU). THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH [AU/AU]; 1G Royal Parade, Parkville, VIC 3050 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BALDWIN, Graham, S. [AU/AU]; 53 Rainer Street, Pascoe Vale Sothh, VIC 3044 (AU). BARNHAM, Kevin, Jeffrey [AU/AU]; 142 Reynard Street, Coburg, VIC 3058 (AU). PANNEQUIN, Julie [FR/FR]; 27 Rue Des Couronnes, F-75020 Paris (FR). TANTIONGCO, John-Paul [AU/AU]; 7 Britten Court, Bundoora, VIC 3083 (AU). SHULKES, Arthur [AU/AU]; 2 Bayview Terrace, Ascot Vale, VIC 3032 (AU). NORTON, Raymond, Stanley [AU/AU]; 30 Carn Avenue, Ivanhoe, VIC 3079 (AU). KOVAK, Suzana [AU/AU]; Unit 6/192 Nepean Highway, Aspendale, VIC 3195 (AU). HE, Hong [AU/AU]; 83 The Crescent, Kensington, VIC 3031 (AU). SHEHAN, Brian, Phillip [AU/AU]; 33 Gray Street, Brunswick, VIC 3056 (AU).

(74) GRIFFITH HACK; 509 St Kilda Road, Melbourne, VIC 3004 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 7/06, C12N 15/00

(11) WO 2004/089977 (13) A1

(21) PCT/JP2004/005160

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ja (26) ja

(30) 2003-106825 10 Apr/avr 2003 JP (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • IMMOBILIZED PROTEIN AND PROCESS FOR PRODUCING THE SAME

• PROTEINE IMMOBILISEE ET PROCEDE DE PRODUCTION DE CETTE DERNIERE

(71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigasaki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IWAKURA, Masahiro [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 6, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8566 (JP). HIROTA, Kiyonori [JP/JP]; c/o

National Institute of Advanced Industrial Science and Technology, Tsukuba Central 6, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8566 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 14/18, A61K 39/29, 39/39, 45/00

(11) WO 2004/089978 (13) A2

(21) PCT/IE2004/000054

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 2003/0279 11 Apr/avr 2003 IE (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • USE OF HCV PROTEINS

• UTILISATION DE PROTEINES DU VHC

(71) THE PROVOST, FELLOWS AND SCHOLARS OF THE COLLEGE OF THE HOLY AND UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN [IE/IE]; College Green, Dublin 2 (IE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MILLS, Kingston, Henry, Gordon [IE/IE]; 30 Brighton Road, Rathgar, Dublin 6 (IE). BRADY, Miriam, Therese [IE/IE]; 13 Beaufield Drive, Maynooth, County Kildare (IE).

(74) O'BRIEN, John, A. et al. / etc.; John, A., O'Brien & Associates, 3rd floor, Duncairn House, 14 Carysfort Avenue, Blackrock, County Dublin (IE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 14/195, A61K 39/02, C12N 15/31, C07K 16/12

(11) WO 2004/089979 (13) A2

(21) PCT/IB2004/001440

(22) 8 Apr/avr 2004 (08.04.2004)

- (25) en (26) en
 (30) 0308198.1 9 Apr/avr 2003 GB
 (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ADP-RIBOSYLATING TOXIN FROM LISTERIA MONOCYTOGENES
 • TOXINE ADP-RIBOSYLANTE DE <I>LISTERIA MONOCYTOGENES</I>
- (71) CHIRON SRL [IT/IT]; Via Fiorentina 1, I-53100 Siena (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MASIGNANI, Vega [IT/IT]; Chiron Srl, Via Fiorentina 1, I-53100 Siena (IT).
- (74) Marshall, Cameron, John; Carpmaels & Ransford, 43-45 Bloomsbury Square, London WC1A 2RA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations
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- (51)⁷ C07K 14/47
 (11) WO 2004/089981 (13) A2
 (21) PCT/US2004/010342
 (22) 2 Apr/avr 2004 (02.04.2004)
 (25) en (26) en
 (30) 60/459,901 2 Apr/avr 2003 US
 (02.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • ANTITUMOR EFFECT OF MUTANT BIK
 • EFFET ANTITUMORAL D'UN MUTANT DU BIK
 (71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM [US/US]; 210 West 7th Street, Austin, TX 78701 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) HUNG, Mien-Chie [US/US]; 5762 Birdwood Road, Houston, TX 77096 (US). LI, Yan [CN/US]; 7900 Cambridge, 24E, Houston, TX 77054 (US). WEN, Yong [CN/US]; Genetech, Inc., 1 DNA Ways, MS 72A, South San Francisco, CA 94080 (US).
 (74) SISTRUNK, Melissa, L. et al. / etc.; Fulbrigh & 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07K 14/47, A61K 39/00, C07K 16/30, C12N 5/06
 (11) WO 2004/089980 (13) A2
 (21) PCT/DK2004/000259
 (22) 7 Apr/avr 2004 (07.04.2004)
 (25) en (26) en
 (30) PA 2003 00572 11 Apr/avr 2003 DK
 (11.04.2003)
 (30) 60/461,803 11 Apr/avr 2003 US
 (11.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • THERAPEUTIC CANCER VACCINE
 • VACCIN PREVENTIF CONTRE LE CANCER
 (71) KRÆFTENS BEKÆMPELSE [DK/DK]; Strandboulevard 49, Copenhagen, 2100 (DK).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) STRATEN, Per, Thor [DK/DK]; Catherine Booths Vej 17, Hvidovre, 2650 (DK). ANDERSEN, Mads, Hald [DK/DK]; Esthersvej 27 st.tv., Hellerup, 2900 (DK).
 (74) HØIBERG A/S; ST. KONGENSGADE 59A, COPENHAGEN K, 1264 (DK).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07K 14/65, C12N 15/85, 5/10, C07K 16/10, C12Q 1/70, G01N 33/569, A61K 39/215, 38/21
 (11) WO 2004/089983 (13) A2
 (21) PCT/NL2004/000229
 (22) 8 Apr/avr 2004 (08.04.2004)
 (25) en (26) en
 (30) 03076037.5 8 Apr/avr 2003 EP
 (08.04.2003)
 (30) 03076110.0 14 Apr/avr 2003 EP
 (14.04.2003)
 (30) 03077307.1 18 Jul/juil 2003 EP
 (18.07.2003)
-
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07K 14/525
 (11) WO 2004/089982 (13) A2
 (21) PCT/US2004/010254
 (22) 31 Mar/mar 2004 (31.03.2004)
 (25) en (26) en
 (30) 60/459,097 31 Mar/mar 2003 US
 (31.03.2003)
 (30) 60/482,081 23 Jun/juin 2003 US
 (23.06.2003)
 (30) 60/523,880 20 Nov/nov 2003 US
 (20.11.2003)
 (30) 60/528,104 8 Dec/déc 2003 US
 (08.12.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • APRIL VARIANTS AND METHODS THEREOF
 • VARIANTES APRIL ET LEURS PROCEDES
 (63) US 10/338,083 (CIP)
 6 Jan/jan 2003 (06.01.2003)
 (71) XENCOR [US/US]; 111 West Lemon Avenue, Monrovia, CA 91016 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) DESJARLAIS, John, Rudolph [US/US]; 2096 East Crary Street, Pasadena, CA 91104 (US). ZHUKOVSKY, Eugene [US/US]; 1255 N. Sweetzer Avenue, West Hollywood, CA 90069 (US).
 (74) SILVA, Robin, M. et al. / etc.; 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SARS
• SRAS
- (71) VIRONOVATIVE B.V. [NL/NL]; Burge-
meester Oudlaan 50, NL-3062 PA Rotterdam
(NL).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) HAAGMANS, Bartholomeus, Leonar-
dus [NL/NL]; Doude van Troostwijkstraat 3,
NL-1391 EP Abcoude (NL). KUIKEN, Thijs
[NL/NL]; Middenmolenlaan 149, NL-2807
EV Gouda (NL). FOUCHIER, Ronaldus,
Adrianus, Maria [NL/NL]; Essenburgsingel
44a, NL-3021 AR Rotterdam (NL). OSTER-
HAUS, Albertus, Dominicus, Marcellinus,
Erasmus [NL/NL]; Dr. Breveestraat 16,
NL-3981 CH Bunnik (NL).
- (74) WINCKELS, J., H., F.; Nieuwe Parklaan
97, NL-2587 BN Den Haag (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ C07K 14/705, 16/28, A61K 9/127, 39/395,
51/00, A61P 35/00, C12N 15/09
- (11) WO 2004/089984 (13) A1
- (21) PCT/JP2003/012732
- (22) 3 Oct/oct 2003 (03.10.2003)
- (25) ja (26) ja
- (30) 2002-291953 4 Oct/oct 2002 JP
(04.10.2002)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ANTIGEN RECOGNIZING ANTIBODY
• ANTICORPS RECONNAISSANT UN
ANTIGÈNE
- (71) MITSUBISHI PHARMA CORPORA-
TION [JP/JP]; 6-9, Hiranomachi 2-chome,
Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) HIRAKAWA, Youko [JP/JP]; c/o MIT-
SUBISHI PHARMA CORPORATION,
Tokyo Office, 2-6, Nihonbashi-honcho
2-chome, Chuo-ku, Tokyo 103-8405 (JP).
NIKI, Hisae [JP/JP]; c/o MITSUBISHI
PHARMA CORPORATION, Tokyo Office,
2-6, Nihonbashi-honcho 2-chome, Chuo-ku,
Tokyo 103-8405 (JP). OIKE, Shinsuke
[JP/JP]; c/o MITSUBISHI PHARMA COR-
PORATION, Tokyo Office, 2-6, Nihon-
bashi-honcho 2-chome, Chuo-ku, Tokyo
103-8405 (JP). TAGAWA, Toshiaki [JP/JP];
c/o MITSUBISHI PHARMA CORPORA-
TION, Tokyo Office, 2-6, Nihonbashi-hon-
cho 2-chome, Chuo-ku, Tokyo 103-8405
(JP). HOSOKAWA, Saiko [JP/JP]; c/o
- MITSUBISHI PHARMA CORPORA-
TION, Tokyo Office, 2-6, Nihonbashi-hon-
cho 2-chome, Chuo-ku, Tokyo 103-8405
(JP). YOSHIYAMA, Yoshiko [JP/JP];
c/o ZOEGENE CORPORATION, 1000,
Kamoshida-cho, Aoba-ku, Yokohama-shi,
Kanagawa 227-8502 (JP).
- (74) TAKAYANAGI, Masau; MITSUBISHI
PHARMA CORPORATION, Intellectual
Property Department, 2-6, Nihonbashi-hon-
cho 2-chome, Chuo-ku, Tokyo 103-8405
(JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ C07K 14/765, A61K 38/38, 38/26, C07K
14/605, A61K 47/48
- (11) WO 2004/089985 (13) A1
- (21) PCT/DK2004/000233
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) PA 2003 00579 11 Apr/avr 2003 DK
(11.04.2003)
- (30) 60/462,604 14 Apr/avr 2003 US
(14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • STABLE PHARMACEUTICAL COM-
POSITIONS
• COMPOSITIONS PHARMACEU-
TIQUES STABLES
- (71) NOVO NORDISK A/S [DK/DK]; Novo
Allé, Bagsværd, 2880 (DK).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) ENGELUND, Dorthe, Kot [DK/DK];
Gassehaven 39, Holte, 2840 (DK). PEDER-
SEN, Tine, Bjeldskov [DK/DK]; Østerhøj
50, Ballerup, 2750 (DK). BONDE, Claus
[DK/DK]; Borgevej 41 B, Lyngby, 2800
(DK).
- (74) NOVO NORDISK A/S; Corporate Patents,
Novo Allé, Bagsværd, 2880 (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- Published / Publiée : (c)
-
- (51)⁷ C07K 14/81, G01N 33/68, C07K 16/38,
A61K 38/17
- (11) WO 2004/089987 (13) A1
- (21) PCT/EP2004/003746
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 60/461,560 8 Apr/avr 2003 US
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SECRETED POLYPEPTIDE SPECIES
ASSOCIATED WITH CARDIOVASCU-
LAR DISORDERS
- CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- (51)⁷ C07K 14/79, C12N 15/12, A61K 38/00
- (11) WO 2004/089986 (13) A1
- (21) PCT/NL2004/000250
- (22) 14 Apr/avr 2004 (14.04.2004)
- (25) en (26) en
- (30) 03076108.4 14 Apr/avr 2003 EP
(14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ANTIMICROBIAL PEPTIDE FROM
TRANSFERRIN FAMILY
• PEPTIDE ANTIMICROBIEN DE LA FA-
MILLE DES TRANSFERRINES
- (71) STICHTING VOOR DE TECHNISCHE
WETENSCHAPPEN [NL/NL]; Van Vollen-
hovenlaan 661, NL-3527 EP Utrecht (NL).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) VAN NIEUW AMERONGEN, Arie
[NL/NL]; G. Nijenrodestraat 136, NL-3621
GM Breukelen (NL). VEERMAN, En-
gelmundus, Cornelis, Ignatius [NL/NL];
W. van den Bergstraat 27, NL-1132 TZ
Volendam (NL). GROENINK, Jasper
[NL/NL]; Panamalaan 72, NL-1019 AZ
Amsterdam (NL). VAN DER KRAAN,
Marieke, Ilonka, Arwen [NL/NL]; Spak-
enburgstraat 6, NL-1107 WS Amsterdam
(NL). BOLSCHER, Johannes, Ger-
hardus, Maria [NL/NL]; Smedemanplein
17, NL-1182 HV Amsterdam (NL).
- (74) VAN WESTENBRUGGE, Andries et
al. / etc.; Nederlandsch Octroibureau,
Scheveningseweg 82, P.O. Box 29720,
NL-2502 LS The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

- ESPECES POLYPEPTIDIQUES SECRETEES ASSOCIEES A DES TROUBLES CARDIO-VASCULAIRES

(71) GENOVA LTD.; Canon's Court, 22 Victoria Street, Hamilton HM 12 (BM).

(for all designated States except / pour tous les États désignés sauf US)

(71) NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT). (only for / seulement pour AT)

(72, 75) ARGOUD-PUY, Guilaine [FR/CH]; GeneProt, Inc., 2, pre-de-la-Fontaine, CH-1217 Meyrin (CH). BEDERR, Nassima [FR/CH]; GeneProt, Inc., 2, pre-de-la-Fontaine, CH-1217 Meyrin (CH). BOUGUELERET, Lydie [FR/CH]; GeneProt, Inc., 2, pre-de-la-Fontaine, CH-1217 Meyrin (CH). CUSIN, Isabelle [FR/CH]; GeneProt, Inc., 2, pre-de-la-Fontaine, CH-1217 Meyrin (CH). MAHE, Eve [FR/CH]; GeneProt, Inc., 2, pre-de-la-Fontaine, CH-1217 Meyrin (CH). NIKNEJAD, Anne [CH/CH]; GeneProt, Inc., 2, pre-de-la-Fontaine, CH-1217 Meyrin (CH). REFFAS, Samia [CH/CH]; GeneProt, Inc., 2, pre-de-la-Fontaine, CH-1217 Meyrin (CH).

(74) GRUBB, Philip; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07K 16/00

(11) WO 2004/089988 (13) A2

(21) PCT/US2004/010422

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,642 3 Apr/avr 2003 US (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHODS OF PRODUCTION AND USE OF ANTI-INTEGRIN ANTIBODIES FOR THE CONTROL OF TISSUE GRANULATION

- PROCEDES DE PRODUCTION ET UTILISATION D'ANTICORPS ANTI-INTEGRINE PERMETTANT D'INHIBER LA GRANULATION TISSULAIRE

(71) PROTEIN DESIGN LABS, INC [—/US]; 34801 Campus Drive, Fremont, CA 94555 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOHNSON, Dale E. [US/US]; 6363 Christie Avenue #1027, Emeryville, CA 94608 (US). JEFFRY, Ursula [DE/US];

1204 Madison Avenue, Redwood City, CA 94061 (US).

(74) HALLUIN, Albert P. et al. / etc.; HOWREY SIMON ARNOLD & WHITE, Box 34, 301 Ravenswood Avenue, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C07K 16/18, G01N 33/574, A61P 35/00

(11) WO 2004/089989 (13) A1

(21) PCT/CA2004/000481

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/413,755 14 Apr/avr 2003 US (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CANCEROUS DISEASE MODIFYING ANTIBODIES

- ANTICORPS AYANT UNE ACTION SUR UNE MALADIE CANCEREUSE

(71) ARIUS RESEARCH, INC. [CA/CA]; 55 York Street, 16th Floor, Toronto, Ontario M5J 1RY (CA).

(72) YOUNG, David, S., F.; 33 University Avenue, Suite 2407, Toronto, Ontario M5J 2S7 (CA). HAHN, Susan, E.; 9 Innisfree Court, Toronto, Ontario M6P 3N7 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ C07K 16/28, G01N 33/68, C12N 5/06, A61K 39/395, A61P 9/10

(11) WO 2004/089990 (13) A1

(21) PCT/SE2004/000580

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 0301087-3 14 Apr/avr 2003 SE (14.04.2003)

(30) 60/320,112 16 Apr/avr 2003 US (16.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NEW MONOCLONAL ANTIBODY CAPABLE OF BINDING INTEGRIN ALPHA 10 BETA 1

- NOUVEL ANTICORPS MONOCLONAL CAPABLE DE SE FIXER SUR L'INTEGRINE ALPHA 10 BETA 1

(71) CARTELA AB [SE/SE]; BMC, B 12, LUND, 221 84 (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LUNDGREN-ÅKERLUND, Evely [SE/SE]; Trollsjövägen 165, BJÄRRED, 237 33 (SE).

(74) ALBIHNS STOCKHOLM AB; Linnégatan 2, Box 5581, S-114 85 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08B 37/00, A23L 1/053, B01F 17/00, A61K 8/73

(11) WO 2004/089991 (13) A1

(21) PCT/JP2004/005050

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 2003-103495 7 Apr/avr 2003 JP (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MODIFIED GUM ARABIC

- GOMME ARABIQUE MODIFIEE

(71) PHILLIPS HYDROCOLLOIDS RESEARCH LIMITED [GB/GB]; 45 Old

- Bond Street, London W1S4AQ (GB). SAN-EI GEN F.F.I. INC. [JP/JP]; 1-1-11, Sanwa-cho, Toyonaka-shi, Osaka 561-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AL-ASSAF, Saphwan [GB/GB]; 2 Orchard Cottages, Plas Coch Road, Wrexham LL112BW (GB). PHILLIPS, Glyn, Owen [GB/GB]; c/o Phillips Hydrocolloids Research Limited, 45 Old Bond Street, London W1s4aq (GB). SASAKI, Yasushi [JP/JP]; c/o San-ei Gen F.f.i., Inc., 1-1-11, Sanwa-cho, Toyonaka-shi, Osaka 561-8588 (JP). KATAYAMA, Tsuyoshi [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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08F 2/30, 4/40, 20/10, C08J 3/12
(11) WO 2004/089993 (13) A1
(21) PCT/JP2004/004600
(22) 31 Mar/mar 2004 (31.03.2004)
(25) ja (26) ja
(30) 2003-105901 9 Apr/avr 2003 JP (09.04.2003)
(30) 2003-137931 15 May/mai 2003 JP (15.05.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • (METH)ACRYLIC RESIN EMULSION AND PROCESS FOR PRODUCING THE SAME
• EMULSION DE RESINE (METH)ACRYLIQUE ET SON PROCEDE DE PRODUCTION
- (71) KURARAY CO., LTD. [JP/JP]; 1621, Sakazu, Kurashiki-shi, Okayama 7108622 (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, 7108622 (JP). FUJIWARA, Naoki [JP/JP]; c/o KURARAY Co., Ltd. 1621, Sakazu, Kurashiki-shi, Okayama, 7108622 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C08F 2/38, 293/00, 8/00
(11) WO 2004/089994 (13) A1
(21) PCT/US2004/010014
(22) 2 Apr/avr 2004 (02.04.2004)
(25) en (26) en
- (30) 10/407,405 3 Apr/avr 2003 US (03.04.2003)
(30) 10/609,255 26 Jun/juin 2003 US (26.06.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • REMOVAL OF THIOCARBONYL END GROUPS OF POLYMERS
• ELIMINATION DE GROUPES TERMINAUX THIOCARBONYLE DE POLYMERES
- (71) SYMYX TECHNOLOGIES, INC.; 3100 Central Expressway, Santa Clara, CA 95051 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHARMOT, Dominique [FR/US]; 1238 Bracebridge Court, Campbell, CA 95008 (US). CHANG, Han-Ting [CN/US]; 220 Garnet Drive, Livermore, CA 94550 (US). WANG, Wenyeue [CN/US]; 1575 Tenaka Place, Apt. R7, Sunnyvale, CA 94087 (US). PIOTTI, Marcello [AR/US]; 1898 Meridian Ave #6, San Jose, CA 95125 (US).
- (74) ACKLEY, James, H.; Symyx Technologies, Inc., 3100 Central Expressway, Santa Clara, CA 95051 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ C08B 37/00, A61K 31/736, A61P 1/14, 35/00, 3/06, 3/10, A23L 1/308
(11) WO 2004/089992 (13) A1
(21) PCT/JP2004/005146
(22) 9 Apr/avr 2004 (09.04.2004)
(25) ja (26) ja
(30) 2003-105903 9 Apr/avr 2003 JP (09.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MODIFIED ACACIA AND USE THEREOF
• ACACIA MODIFIE ET UTILISATION CORRESPONDANTE
- (71) PHILLIPS HYDROCOLLOIDS RESEARCH LIMITED [GB/GB]; 45 Old Bond Street, London W1S 4AQ (GB). SAN-EI GEN F.F.I. INC. [JP/JP]; 1-1-11, Sanwa-cho, Toyonaka-shi, Osaka, 5618588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AL-ASSAF, Saphwan [GB/GB]; 2 Orchard Cottages, Plas Coch Road, Wrexham, LL11 2BW (GB). PHILLIPS, Glyn, Owen [GB/GB]; c/o PHILLIPS HYDROCOLLOIDS RESEARCH LIMITED, 45 Old Bond Street, London W1S 4AQ (GB). SASAKI, Yasushi [JP/JP]; c/o SAN-EI GEN F.F.I., INC., 1-1-11, Sanwa-cho, Toyonaka-shi, Osaka, 5618588 (JP). KATAYAMA, Tsuyoshi [JP/JP]; c/o SAN-EI GEN F.F.I., INC., 1-1-11, Sanwa-cho, Toyonaka-shi, Osaka, 5618588 (JP).
-
- (51)⁷ C08F 2/50
(11) WO 2004/089995 (13) A2
(21) PCT/US2004/010363
(22) 5 Apr/avr 2004 (05.04.2004)
(25) en (26) en
(30) 10/407,781 3 Apr/avr 2003 US (03.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PHOTOPOLYMERIZATION SYSTEMS AND THEIR USE
• SYSTEMES DE PHOTOPOLYMERISATION ET LEUR APPLICATION
- (71) ALBEMARLE CORPORATION [US/US]; 451 Florida Street, Baton Rouge, LA 70801 (US). THE UNIVERSITY OF SOUTHERN MISSISSIPPI [US/US]; Box 5157, Hattiesburg, MI 39406-5157 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NGUYEN, Chau, K. [US/US]; 12 Park Place, Apt.293, Hattiesburg, MS 39402 (US). HOYLE, Charles, E. [US/US]; 46 Pirate Drive, Hattiesburg, MS 39402 (US).
- (74) HOEFLING, Marcy, M. et al. / etc.; Albemarle Corporation, Law Department, 451

Florida Street, Baton Rouge, LA 70801-1765 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C08F 8/00, G11B 7/24, H01L 21/56, G03F 7/039, C09D 123/26, C09J 123/26, C08J 5/00, G02B 1/04 // C08L 45:00

(11) WO 2004/089996 (13) A1

(21) PCT/JP2003/016588

(22) 24 Dec/déc 2003 (24.12.2003)

(25) ja (26) ja

(30) 2003-102304 4 Apr/avr 2003 JP (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MODIFIED CYCLOOLEFIN COPOLYMER, PROCESS FOR PRODUCING THE SAME, AND USE OF THE POLYMER

• COPOLYMER DE CYCLOOLEFINE MODIFIEE, SON PROCEDURE DE PRODUCTION ET UTILISATION DU POLYMER

(71) SOKEN CHEMICAL & ENGINEERING CO., LTD. [JP/JP]; 29-5, Takada 3-chome, Toshima-ku, Tokyo 171-8531 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) IZUMI, Jun [JP/JP]; c/o SOKEN CHEMICAL & ENGINEERING CO., LTD., 13-1, Hirosechigashi 1-chome, Sayama-shi, Saitama 350-1320 (JP). OKAMOTO, Syuji [JP/JP]; c/o SOKEN CHEMICAL & ENGINEERING CO., LTD., 13-1, Hirosechigashi 1-chome, Sayama-shi, Saitama 350-1320 (JP).

(74) SUZUKI, Shunichiro; S. SUZUKI & ASSOCIATES, Gotanda Yamazaki Bldg. 6F, 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo 141-0031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08F 8/00, 226/02

(11) WO 2004/089997 (13) A1

(21) PCT/JP2004/001746

(22) 17 Feb/fév 2004 (17.02.2004)

(25) ja (26) ja

(30) 2003-98120 1 Apr/avr 2003 JP (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MODIFIED POLYALLYLAMINE AND PROCESS FOR PRODUCING THE SAME

• POLYALLYLAMINE MODIFIEE ET SON PROCEDURE D'OBTENTION

(71) NITTO BOSEKI CO., LTD. [JP/JP]; 1, Aza Higashi, Gonome, Fukushima-shi, Fukushima 960-8161 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASHIMOTO, Mitsumasa [JP/JP]; c/o Nitto Boseki Fukuyama Center, 1, Aza Shiojima, Fukuhara, Fukuyama-machi, Koriyama-shi, Fukushima 963-8061 (JP). TAKEUCHI, Minoru [JP/JP]; c/o Nitto Boseki Co., Ltd., 5-5, Tomizawa-cho, Nihonbashi, Chuo-ku, Tokyo 103-0006 (JP). KATAOKA, Shuichi [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). TAKEMOTO, Kiyohiko [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) NAKAMURA, Shizuo; 3rd Fl., ST Bldg., 24-10, Taito 2-chome, Taito-ku, Tokyo 110-0016 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08F 10/00, 2/46, 4/654

(11) WO 2004/089998 (13) A1

(21) PCT/IN2003/000152

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SINGLE STEP PROCESS FOR THE PREPARATION OF LOWER α -ALKENE POLYMERIZATION HETEROGENEOUS SOLID CATALYST

• PROCESSUS EN UNE SEULE ETAPE DE PREPARATION D'UN CATALYSEUR SOLIDE HETEROGENE POUR POLYMERISATION D'SG(A)-ALCENE INFERIEUR

(71) RELIANCE INDUSTRIES LIMITED [IN/IN]; Maker Chambers IV, Nariman Point, Mumbai 400 021, Maharashtra (IN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BHADURI, Sumit [IN/IN]; Reliance Industries Limited, Swastik Mills Compound, Sion-Trombay Road, VN Purav Marg, Chembur, Mumbai 400 071, Maharashtra (IN). GUPTA, Virendra, Kumar [IN/IN]; Reliance Industries Limited, Swastik Mills Compound, Sion-Trombay Road, VN Purav Marg, Chembur, Mumbai 400 071, Maharashtra (IN). SARMA, Krishna [IN/IN]; Reliance Industries Limited, Swastik Mills Compound, Sion-Trombay Road, VN Purav Marg, Chembur, Mumbai 400 071, Maharashtra (IN).

(74) KHAITAN & CO; Advocates, Notaries, Patent & Trademark Attorneys, Meher Chambers, 4th & 5th Floors, R K Marg, Ballard Estate, Mumbai 400 038 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ C08F 12/08, 257/02, 2/18

(11) WO 2004/089999 (13) A2

(21) PCT/EP2004/003661

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 03076088.8 14 Apr/avr 2003 EP (14.04.2003)

(30) 60/471,963 20 May/mai 2003 US (20.05.2003)

(30) 60/530,222 17 Dec/déc 2003 US
(17.12.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DOSING OF PEROXIDE TO A SUSPENSION PROCESS WHEREIN STYRENE IS POLYMERIZED

- DOSAGE DU PEROXYDE UTILISE DANS UN PROCEDE DE POLYMERISATION EN SUSPENSION DE STYRENE

(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) BOEVENBRINK, Hendrikus, Gerardus [NL/NL]; Verdijkstraat 3, NL-7391 SJ Twello (NL). HOOGESTEGGER, Frans-Johannes [NL/NL]; Javastraat 34, NL-6524 MC Nijmegen (NL).

(74) SCHALKWIJK, Pieter, Cornelis; Akzo Nobel N.V., P.O. Box 9300, NL-6800 SB Arnhem (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08F 110/02, 4/70, C07F 15/02

(11) WO 2004/090000 (13) A1

(21) PCT/EP2004/050481

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 03/04617 14 Apr/avr 2003 FR
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HOLLOW BEADS OF POLYETHYLENE

- PERLES CREUSES DE POLYETHYLENE

(71) ATOFINA RESEARCH [BE/BE]; Zone Industrielle C, B-7181 Senefte (Feluy) (BE). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, Rue Michel Ange, F-75016 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAVASTRE, Olivier [FR/FR]; La Mazure, F-35490 Gahard (FR). GALLARD, Laurent [FR/FR]; L'Isle, 11, Rue des Pêcheurs, F-79170 Villiers sur Chizé (FR).

(74) ATOFINA RESEARCH; Zone Industrielle C, B-7181 Senefte (Feluy) (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 112/12, 4/48

(11) WO 2004/090001 (13) A1

(21) PCT/FR2004/050129

(22) 29 Mar/mar 2004 (29.03.2004)

(25) fr (26) fr

(30) 03/50081 31 Mar/mar 2003 FR
(31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR THE PREPARATION OF POLY SG(A)-METHYLSTYRENE

- PROCEDE DE PREPARATION DE POLY (α -METHYLSTYRENE)

(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) BALLAND-LONGEAU, Alexia [FR/FR]; 152, rue de Boisdenier, F-37000 TOURS (FR). CALONNE, Marc [FR/FR]; 32bis, avenue du Général de Gaulle, F-37800 STE MAURE DE TOURAINE (FR). JOUSSE, Franck [FR/FR]; 28, Avenue des Echoppes, F-33600 PESSAC (FR). CATALA, Jean-Marie [FR/FR]; 2, Rue Bizet, F-67450 MUNDOLSHEIM (FR).

(74) LEHU, Jean; Brevatome, 3, rue du Docteur Lancereaux, F-75008 PARIS (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C08F 218/00, G02B 1/04

(11) WO 2004/090002 (13) A1

(21) PCT/EP2004/003673

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) MI2003A000758 11 Apr/avr 2003 IT
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LIQUID COMPOSITION POLYMERIZABLE INTO ORGANIC GLASS HAVING GOOD OPTICAL AND PHYSICO-MECHANICAL CHARACTERISTICS

• COMPOSITION LIQUIDE POLYMERISABLE EN VERRE ORGANIQUE PRESENTANT DE BONNES CARACTERISTIQUES OPTIQUES ET PHYSICO-MECHANIQUES

(71) GREAT LAKES CHEMICAL (EU-ROPE) GMBH [CH/CH]; Bahnhofplatz 65, CH-8500 Frauenfeld (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RENZI, Fiorenzo [IT/IT]; Via Don G. Buzzoni, 15, I-48100 Ravenna (IT). BOS, Willem [NL/NL]; Marcusestraat 4, NL-6836 JB Arnhem (NL). POSTMUS, Simon [NL/NL]; Melrose 6, NL-6922 BD Duiven (NL). FORESTIERI, Roberto [IT/IT]; Via Val Gardena, 34, I-48100 Ravenna (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08F 218/00, G02B 1/04

(11) WO 2004/090003 (13) A1

(21) PCT/EP2004/003675

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) MI2003A 000759 11 Apr/avr 2003 IT
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LIQUID COMPOSITION POLYMERIZABLE INTO ORGANIC GLASS HAVING A LOW COLOURING AND GOOD PHYSICO-MECHANICAL PROPERTIES.

- COMPOSITION LIQUIDE POLYMERISABLE EN VERRE ORGANIQUE PEU COLORE PRESENTANT DE BONNES PROPRIETES PHYSICO-MECHANIQUES

(71) GREAT LAKES CHEMICAL (EU-ROPE) GMBH [CH/CH]; Bahnhofplatz 65, CH-8500 Frauenfeld (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RENZI, Fiorenzo [IT/IT]; Via Don G. Buzzoni, 15, I-48100 Ravenna (IT). BOS, Willem [NL/NL]; Marcusestraat 4, NL-6836 JB Arnhem (NL). POSTMUS, Simon [NL/NL]; Melrose 6, NL-6922 BD Duiven (NL). FORESTIERI, Roberto [IT/IT]; Via Val Gardena 34, I-48100 Ravenna (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 BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C08F 220/34, 220/60

(11) WO 2004/090004 (13) A1

(21) PCT/CA2004/000529

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 60/460,409 7 Apr/avr 2003 US (07.04.2003)

(30) 60/530,261 18 Dec/déc 2003 US (18.12.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • ANCIENT DEFENSE POLYMER
• POLYMERE A DEFENSE ANCIENNE

(71) RIMON THERAPEUTICS LTD. [CA/CA]; 200 College Street, Toronto, Ontario M5S 3E5 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAY, Michael, H. [CA/CA]; 9 Terrace Drive, Brantford, Ontario N3R 3G2 (CA). SKARJA, Gary [US/CA]; 33 Erskine Avenue, #603, Toronto, Ontario M4P 1Y6 (CA).

(74) SILVER, Gail, C. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C08F 265/06, 265/04

(11) WO 2004/090005 (13) A1

(21) PCT/US2004/010667

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,096 3 Apr/avr 2003 US (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • VOC FREE LATEX COALESCENT SYSTEMS

• SYSTEMES DE LATEX COALESCENTS EXEMPTS DE COMPOSES ORGANIQUES VOLATILS

(71) VOCFREE, Inc. [US/US]; 163 South Street, Hackensack, NJ 07601 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUGERMAN, Gerald [US/US]; 8 Cambridge Drive, Allendale, NJ 07401 (US). COSBY, James, V. [US/US]; Groton, CT (US).

(74) HSI, Jeffrey, D. et al. / etc.; Edwards & Angell, LLP, P.O. Box 55874, Boston, MA 02205 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 293/00, C09D 17/00, 11/00

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(25) ja (26) ja

(30) 2003-99276 2 Apr/avr 2003 JP (02.04.2003)

(30) 2003-164779 10 Jun/juin 2003 JP (10.06.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • POLYVINYL ALCOHOL BLOCK COPOLYMER AND AQUEOUS PIGMENT DISPERSIONS AND RECORDING FLUIDS MADE BY USING THE SAME
• COPOLYMER SEQUENCE D'ALCOOL DE POLYVINYLE ET DISPERSIONS AQUEUSES DE PIGMENT, FLUIDES D'ENREGISTREMENT PREPARES A PARTIR DE CES DERNIERS

(71) MITSUBISHI CHEMICAL CORPORATION [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UENO, Nobuhiko [JP/JP]; c/o Mitsubishi Chemical Corporation, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP). SAITO, Takahiro [JP/JP]; c/o Mitsubishi Chemical Corporation, 1, Toho-cho, Yokkaichi-shi, Mie 510-8530 (JP). YOKOYAMA, Masanobu [JP/JP]; c/o Mitsubishi Chemical Corporation, 1, Toho-cho, Yokkaichi-shi, Mie 510-8530 (JP). AKAI, Hideko [JP/JP]; c/o Mitsubishi Chemical Corporation, 1000,

Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP). TANAKA, Hideaki [JP/JP]; c/o Mitsubishi Chemical Corporation, 33-8, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP).

(74) HAGINO, Taira; Eikoh Patent Office, 13th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08G

(11) WO 2004/090007 (13) A2

(21) PCT/EP2004/050472

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) 103 16 662.9 11 Apr/avr 2003 DE (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • REACTIVE AMINO- AND/OR AMMONIUM-POLYSILOXANE COMPOUNDS
• COMPOSÉS DE POLYSILOXANE AMINO ET/OU AMMONIUM RÉACTIFS

(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) LANGE, Horst [DE/DE]; Tiefbauweg 34, 44879 Bochum (DE). WAGNER, Roland [DE/DE]; Meerstrasse 24, 53757 St. Augustin (DE). WITOSSEK, Anita [DE/DE]; Niederstrasse 14 d, 40764 Langenfeld (DE). STACHULLA, Karl-Heinz [DE/DE]; Reuschenberger Strasse 45, 51379 Leverkusen (DE). SOCKEL, Karl-Heinz [DE/DE]; Elisenstrasse 13, 51373 Leverkusen (DE). MOELLER, Annette [DE/DE]; Am Weidenbusch 63, 51381 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C08G 18/00
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(21) PCT/EP2004/003290
(22) 29 Mar/mar 2004 (29.03.2004)
(25) de (26) de
(30) 103 16 396.4 10 Apr/avr 2003 DE
(10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PHENOL-BLOCKED POLYURETHANE PREPOLYMERS
• PREPOLYMERES DE POLYURETHANE A BLOCAGE PHENOLIQUE
- (71) BAYER MATERIALSCIENCE AG [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAGER, Michael [DE/DE]; Franz-Marc-Str. 54, 51375 Leverkusen (DE).
STINGL, Thomas [DE/DE]; Im Wiesengrund 32, 56410 Montabaur (DE).
- (74) BAYER MATERIALSCIENCE AG; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08G 18/38
(11) WO 2004/090009 (13) A1
(21) PCT/EP2004/050363
(22) 25 Mar/mar 2004 (25.03.2004)
(25) en (26) en
(30) 03008428.9 11 Apr/avr 2003 EP
(11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • NOVEL CHAIN EXTENDER USEFUL IN THE MANUFACTURE OF POLYURETHANES AND THE CORRESPONDING POLYURETHANES
• ALLONGEUR DE CHAÎNE UTILE DANS LA PRODUCTION DE POLYURETHANES ET POLYURETHANES CORRESPONDANTS
- (71) HUNTSMAN INTERNATIONAL LLC [—/US]; 500 Huntsman Way, Salt Lake City, ut 84108 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINDSAY, Chris, Ian [GB/BE]; Clement Vanophemstraat 100, B-3090 Overijse (BE). WOUTTERS, Steve [BE/BE]; Drie Lindekens 32, B-9120 Beveren (BE).
- (74) SWINNEN, Anne, Marie et al. / etc.; Huntsman (Europe) BVBA, Intellectual Property Dept, Everslaan 45, B-3078 Everberg (BE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 18/67, C08L 75/16, C08F 290/06
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(21) PCT/JP2004/004986
(22) 7 Apr/avr 2004 (07.04.2004)
(25) ja (26) ja
(30) 2003-105981 10 Apr/avr 2003 JP
(10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROCESS FOR PRODUCTION OF UV-CURABLE LIQUID POLYURETHANE RESIN
• PROCÉDE POUR PRODUIRE DE LA RESINE POLYURETHANE LIQUIDE DURCISSABLE AU RAYONNEMENT UV
- (71) UNIMATEC CO. LTD. [JP/JP]; 12-15, Shibadaimon 1-chome, Minato-ku, Tokyo 105-8585 (JP). NOK CORPORATION [JP/JP]; 12-15, Shibadaimon 1-chome, Minato-ku, Tokyo 105-8585 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WATANABE, Tetsuya [JP/JP]; c/o UNIMATEC CO., LTD., 831-2, Kamishoda, Isoharamachi, Kitaibaraki-shi, Ibaraki 319-1544 (JP). CHIBA, Takashi [JP/JP]; c/o UNIMATEC CO., LTD., 831-2, Kamishoda, Isoharamachi, Kitaibaraki-shi, Ibaraki 319-1544 (JP). YAMADA, Shuzo [JP/JP]; c/o NOK Corporation, 3-1, Tsujidoshimachi 4-chome, Fujisawa-shi, Kanagawa 251-0042 (JP).
- (74) YOSHIDA, Toshio et al. / etc.; YOSHIDA PATENT OFFICE No.202, Hillside Ebisu Bldg., 21-11, Ebisuminami 1-chome, Shibuya-ku, Tokyo 150-0022 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 31 Mar/mar 2004 (31.03.2004)
(25) ja (26) ja
(30) 2003-099531 2 Apr/avr 2003 JP
(02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MIXTURE OF CYCLIC LACTIC ACID OLIGOMERS
• MELANGE D'OLIGOMERES D'ACIDE LACTIQUE CYCLIQUES
- (71) AMATO PHARMACEUTICAL PRODUCTS, LTD. [JP/JP]; 995, Sasao-cho, Fukuchiyama-shi, Kyoto 620-0932 (JP). TOKAI EDUCATION INSTRUMENTS CO., LTD. [JP/JP]; 164, Shimokasuya, Isehara-shi, Kanagawa 259-1143 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WATANABE, Mikio [JP/JP]; 5-8-2-208, Tsurumaki-Minami, Hadano-shi, Kanagawa 257-0002 (JP). TAKAMA, Masashi [JP/JP]; 224-1-2-105, Shimootsuki, Hadano-shi, Kanagawa 257-0004 (JP). TAKANO, Jiro [JP/JP]; 1107-11, Shibusawa, Hadano-shi, Kanagawa 259-1322 (JP). MURAKAMI, Masahiro [JP/JP]; 3-17-6, Kire-Nishi, Hirano-ku, Osaka-shi, Osaka 547-0026 (JP).
- (74) SUZUKI, Shunichiro; S. Suzuki & Associates, Gotanda Yamazaki Bldg. 6F, 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo 141-0031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08G 63/193, C08J 5/18, G02B 1/04
(11) WO 2004/090012 (13) A1
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(22) 5 Apr/avr 2004 (05.04.2004)
(25) en (26) en
(30) SV2003 A 000018 11 Apr/avr 2003 IT
(11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OPTICAL MEDIA COMPRISING POLYMERIC MATERIAL FILM
• SUPPORT OPTIQUE COMPRENANT UN FILM DE MATIERE POLYMERE
- (71) FERRANIA S.P.A. [IT/IT]; Viale della Libertà, 57, I-17014 Ferrania/Cairo Montenotte (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANGIOLINI, Simone [IT/IT]; Ferrania S.p.A., Viale della Libertà, 57, I-17014

- Ferrania/Cairo Montenotte (IT). AVIDANO, Mauro [IT/IT]; Ferrania S.p.A., Viale della Libertà, 57, I-17014 Ferrania/Cairo Montenotte (IT).
- (74) ALLAI, Roberto; Ferrania S.p.A., Intellectual Property Department, Via Della Libertà 57, I-17014 Ferrania/Cairo Montenotte (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ C08G 63/78, C07B 61/00, C07D 323/00, C08G 63/06
- (11) WO 2004/090013 (13) A1
- (21) PCT/JP2004/004676
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) ja (26) ja
- (30) 2003-099529 2 Apr/avr 2003 JP (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROCESS FOR PRODUCING CYCLIC LACTIC ACID OLIGOMER
• PROCEDE PERMETTANT LA PRODUCTION D'UN OLIGOMERE CYCLIQUE D'ACIDE LACTIQUE
- (71) AMATO PHARMACEUTICAL PRODUCTS, LTD. [JP/JP]; 995, Sasao-cho, Fukuchiyama-shi, Kyoto 6200932 (JP). TOKAI EDUCATION INSTRUMENTS CO., LTD. [JP/JP]; 164, Shimokasuya, Isehara-shi, Kanagawa 259-1143 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WATANABE, Mikio [JP/JP]; 5-8-2-208, Tsurumaki-Minami, Hadano-shi, Kanagawa 2570002 (JP). TAKAMA, Masashi [JP/JP]; 224-1-2-105, Shimootsuki, Hadano-shi, Kanagawa 2570004 (JP). TAKANO, Jiro [JP/JP]; 1107-11, Shibusawa, Hadano-shi, Kanagawa 259-1322 (JP). MURAKAMI, Masahiro [JP/JP]; 3-17-6, Kire-Nishi, Hirano-ku, Osaka-shi, Osaka 5470026 (JP).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08G 65/40, H01M 4/96, 8/02
- (11) WO 2004/090015 (13) A1
- (21) PCT/JP2004/004392
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) ja (26) ja
- (30) 2003-102674 7 Apr/avr 2003 JP (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CROSSLINKABLE IONICALLY CONDUCTING RESIN, AND IONICALLY CONDUCTING POLYMER MEMBRANES, BINDERS AND FUEL CELLS, MADE BY USING THE RESIN
• RESINE RETICULABLE, A CONDUCTION IONIQUE, ET MEMBRANES POLYMERES A CONDUCTION IONIQUE, LIANTS ET PILES A COMBUSTIBLE FABRIQUES A PARTIR DE LADITE RESINE
- (71) MITSUI CHEMICALS, INC. [JP/JP]; 5-2, Higashi-Shimbashi 1-chome, Minato-ku, Tokyo 105-7117 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUJIYAMA, Satoko [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). OMI, Takehiko [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). ISHIKAWA, Junichi [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). KUROKI, Takashi [JP/JP]; c/o Mitsui Chemicals, Inc., 5-2, Higashi-Shimbashi 1-chome, Minato-ku, Tokyo 105-7117 (JP). TAMAI, Shoji [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 73/10, C08L 79/08, G02F 1/1337
- (11) WO 2004/090016 (13) A1
- (21) PCT/JP2004/005141
- (22) 9 Apr/avr 2004 (09.04.2004)
- (25) ja (26) ja
- (30) 2003-105573 9 Apr/avr 2003 JP (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MATERIAL FOR LIQUID CRYSTAL ALIGNMENT LAYERS
• MATERIAU POUR COUCHES D'ALIGNEMENT DE CRISTAUX LIQUIDES
- (71) NISSAN CHEMICAL INDUSTRIES, LTD. [JP/JP]; 7-1, Kanda-Nishiki-cho 3-chome, Chiyoda-ku, Tokyo 1010054 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKI, Hirotsugu [JP/JP]; c/o Nissan Chemical Industries, Ltd. Electronic Materials Research Laboratories, 722-1, Tsuboi-cho, Funabashi-shi, Chiba 2748507 (JP). SAWAHATA, Kiyoshi [JP/JP]; c/o Nissan Chemical Industries, Ltd. Electronic Materials Research Laboratories, 722-1,

- Tsuboi-cho, Funabashi-shi, Chiba 2748507 (JP).
- (74) **SENMYO, Kenji et al. / etc.**; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitcho, Chiyoda-ku, Tokyo 100042 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08G 73/10, C07D 251/00, G02F 1/1337**
- (11) **WO 2004/090017** (13) A1
- (21) PCT/KR2004/000102
- (22) **20 Jan/jan 2004 (20.01.2004)**
- (25) ko (26) en
- (30) 10-2003-0022261 **9 Apr/avr 2003** KR (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DIAMINE COMPOUND CONTAINING TRIAZINE GROUP, POLYAMIC ACID SYNTHESIZED FROM THE DIAMINE COMPOUND AND LC ALIGNMENT FILM PREPARED FROM THE POLYAMIC ACID
- GROUPE TRIAZINE CONTENANT UN COMPOSE DIAMINE, ACIDE POLYAMIQUE SYNTHETISE A PARTIR DE CE COMPOSE DIAMINE ET FILM D'ALIGNEMENT DE CRISTAUX LIQUIDES PREPARE A PARTIR DE CET ACIDE POLYAMIQUE
- (71) **CHEIL INDUSTRIES INC.** [KR/KR]; Kongdan-Dong 290, Kumi-Shi, Gyeongsangbuk-Do 730-030 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OH, Jae Min** [KR/KR]; Poonglim Apt. 418-1801, Jungja-Dong, Janggan-Gu, Suwon-Shi, Kyonggi-Do 440-300 (KR). **LEE, Bum Jin** [KR/KR]; 73-3, Jeongja-Dong, Bundang-Gu, Seongnam-Shi, Kyonggi-Do 463-811 (KR). **LEE, Moo Young** [KR/KR]; Daerin Apt. 110-801, Moojigae Maeul, Gunpo-2 Dong, Gunpo-Shi, Kyonggi-Do 435-771 (KR). **KWON, O Bum** [KR/KR]; 27-55, Wonhyoro 1st Street, Yongsan-Gu, Seoul 140-846 (KR). **OH, Joon Suk** [KR/KR]; Yulkok Apt. 341-1403, Okcum-Dong, Kunpo-Shi, Kyonggi-Do 435-757 (KR). **PARK, Dong Won** [KR/KR]; Olympic Family Apt. 202-1003, Munjeong-Dong, Songpa-Gu, Seoul 138-200 (KR). **KIM, Chul Hee** [KR/KR]; Cheonggu Apt. 210-105, Yangji-Maul, Sunae-Dong, Bundang-Gu, Seongnam-Shi, Kyonggi-Do 463-921 (KR).
- (74) **KIM, Hak, Je et al. / etc.**; Phoenix International Patent and Law Office, Kwangwhamoon P.O. Box 1828, Seoul 110-618 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 75/02, C08L 65/00, 81/00, C08J 3/24, 9/26**
- (11) **WO 2004/090018** (13) A1
- (21) PCT/US2004/009972
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) en (26) en
- (30) 60/459,732 **2 Apr/avr 2003** US (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MULTIFUNCTIONAL SUBSTITUTED MONOMERS AND POLYARYLENE COMPOSITIONS THEREFROM
- MONOMERES SUBSTITUES MULTIFONCTIONNELS ET COMPOSITIONS DE POLYARYLENE COMPRENANT CES MONOMERES
- (71) **DOW GLOBAL TECHNOLOGIES INC.** [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAHNFELD, Jerry, L.** [US/US]; 920 Scenic Drive, Midland, MI 48642 (US). **HEFNER, Robert, E., Jr.** [US/US]; 109 Wedgewood, Lake Jackson, TX 77566 (US). **LI, Yongfu** [US/US]; 206 Wanetah Drive, Midland, MI 48640 (US). **NIU, Q., Jason** [US/US]; 305 West Chapel Lane, Midland, MI 48640 (US).
- (74) **DELIN, Douglas, N.**; The Dow Chemical Company, Intellectual Property Section, P.O. Box 1967, Midland, MI 48674-1967 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08G 77/20, 77/04, H01B 3/46**
- (11) **WO 2004/090019** (13) A1
- (21) PCT/FI2004/000223
- (22) **13 Apr/avr 2004 (13.04.2004)**
- (25) en (26) en
- (30) 60/461,820 **11 Apr/avr 2003** US (11.04.2003)
- (30) 60/531,672 **23 Dec/déc 2003** US (23.12.2003)
- (30) 93109843 **9 Apr/avr 2004** TW (09.04.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ORGANO-SILSESQUIOXANE POLYMERS FOR FORMING LOW-K DIELECTRICS
- POLYMERES DE SILSESQUIOXANE ORGANIQUE POUR LA FORMATION DE DIELECTRIQUES A FAIBLE PERMITTIVITE
- (71) **SILECS OY** [FI/FI]; Tietotie 3, FI-02150 Espoo (FI). **PAULASAARI, Jyri** [FI/FI]; Reelinkikatu 14 B 10, FI-20810 Turku (FI). **KYLMÄ, Janne** [FI/FI]; Meritullinkatu 28 C 15, FI-00170 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RANTALA, Juha** [FI/FI]; Tietotie 3, FI-02150 Espoo (FI).
- (74) **SEPPO LAINE OY**; Itämerenkatu 3 B, FI-00180 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **C08G 81/02, B65D 25/14**
- (11) **WO 2004/090020** (13) A1
- (21) PCT/US2004/010264
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) en (26) en
- (30) 60/459,728 **2 Apr/avr 2003** US (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • AQUEOUS DISPERSIONS AND COATINGS
- DISPERSIONS AQUEUSES ET REVELLEMENTS
- (71) **VALSPAR SOURCING, INC.** [US/US]; 1101 South Third Street South, Minneapolis, MN 55415 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **O'BRIEN, Robert, M.** [US/US]; 163 Ridge Road, Monongahela, PA 15063 (US). **SCHUTTE, Grant** [ZA/US]; 114 Academy Avenue, Pittsburgh, PA 15228 (US). **NIEDERST, Jeffrey** [US/US]; 1510 Homer Street, Pittsburgh, PA 15212 (US). **CON-DIT, John, W.** [US/US]; 127 Bayberry Lane, Cranberry Township, PA 16066 (US). **HERKO, Dawn, S.** [US/US]; 210 Bonnieview Drive, Wexford, PA 15090 (US).

- RARDON, Daniel, E.** [US/US]; 5972 Alder Street, Pittsburgh, PA 15232 (US).
- (74) **MUETING, Ann, M.**; Mueeting, Raasch & Gebhardt, P.A., P.O. Box 581415, Minneapolis, MN 55458-1415 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **C08J**
- (11) **WO 2004/090021** (13) A2
- (21) PCT/US2004/009764
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) en (26) en
- (30) 60/459,905 **2 Apr/avr 2003** US (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • APPARATUS FOR TREATING RECYCLED POLYETHYLENE TEREPHTHALATE CONTAINING DENSE CONTAMINANTS
- APPAREIL DE TRAITEMENT DE POLYETHYLENE TEREPHTHALATE RECYCLE CONTENANT DES CONTAMINANTS DENSES
- (71) **PHOENIX TECHNOLOGIES, L.P.** [US/US]; A limited partnership of the State of Ohio, 1098 Fairview Avenue, Bowling Green, OH 43402 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAYWARD, Donald, W.** [US/US]; 4 Mattatuck Way, Waterville, OH 43566 (US).
WITHAM, Daniel, L. [US/US]; 6317 Glenhurst Drive, Apt. #5, Maumee, OH 43537 (US).
- (74) **FRASER, Donald, R.**; MacMillan, Sobanski & Todd, LLC, One Maritime Plaza, Fourth Floor, 720 Water Street, Toledo, OH 43604-1853 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **C08J 5/04, C08L 97/02**
- (11) **WO 2004/090022** (13) A1
- (21) PCT/EP2004/003162
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) de (26) de
- (30) A573/2003 **14 Apr/avr 2003** AT (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MOULDED BODIES CONSISTING OF BIOLOGICAL FIBROUS MATERIAL AND PLASTIC
- CORPS MOULES CONSTITUES DE MATIERE FIBREUSE BIOLOGIQUE ET DE MATIERE PLASTIQUE
- (71) **FASALEX PATENT- UND LIZENZVERWERTUNGS GMBH** [AT/AT]; Rasdorf 26, A-4794 Kopfing (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZODL, Harald** [AT/AT]; Alxingergasse 66/5/28, A-1100 Wien (AT).
- (74) **VA TECH PATENTE GMBH & CO**; Stahlstrasse 21a, A-4031 Linz (AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **C08J 5/06, C23C 22/03, C08K 9/04, C08J 5/12, C08L 21/00, D07B 1/06, B29D 30/00, B60C 9/00, 1/00, C07F 9/40**
- (11) **WO 2004/090023** (13) A1
- (21) PCT/EP2004/003715
- (22) **7 Apr/avr 2004 (07.04.2004)**
- (25) fr (26) fr
- (30) 03/04429 **9 Apr/avr 2003** FR (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METAL/RUBBER COMPOSITE FOR TYRE
- COMPOSITE METAL/ CAOUTCHOUC POUR PNEUMATIQUE
- (71) **SOCIETE DE TECHNOLOGIE MICHELIN** [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR).
(for all designated States except / pour tous les États désignés sauf CA MX US)
- (71) **MICHELIN RECHERCHE ET TECHNIQUE S.A.** [CH/CH]; Route Louis-Braille 10 et 12, CH-1763 Granges-Paccot (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BLANCHARD, Christiane** [FR/FR]; 3, rue des Chaneaux, Marsat, F-63200 Riom
- (FR). **CUSTODERO, Emmanuel** [FR/FR]; 5, rue Diderot, F-63400 Chamalières (FR).
GREIVELDINGER, Marc [FR/FR]; 16, boulevard Desaix, F-63140 Chatel Guyon (FR).
- (74) **RIBIERE, Joël**; M.F.P. Michelin, 23, place des Carmes Dechaux, SGD/LG/PI -F35 - Ladoux, F-63040 Clermont-Ferrand Cedex 09 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **C08J 5/18, G02F 1/1334, 1/1334, 1/153, 1/01, 1/133, 1/13363, G02B 5/30, C09K 19/00**
- (11) **WO 2004/090024** (13) A1
- (21) PCT/EP2004/002342
- (22) **8 Mar/mar 2004 (08.03.2004)**
- (25) en (26) en
- (30) 03 007 918.0 **8 Apr/avr 2003** EP (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OPTICAL FILM INSIDE A LIQUID CRYSTAL DISPLAY
- AFFICHEUR A CRISTAUX LIQUIDES CONTENANT UN FILM OPTIQUE
- (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) **VERRALL, Mark** [GB/GB]; 7 Wyndham Road, Salisbury SP1 3AA (GB).
CUMMING, Andrew [GB/GB]; 23 Old Chapel Drive, Lytchett Matravers, Poole Dorset BH16 6HA (GB).
HARDING, Richard [GB/GB]; 4 Elland Close, Fair Oak, Eastleigh, Hants SO50 7JY (GB).
PARRI, Owain, Llyr [GB/GB]; Ibis House, 215a Christchurch Road, Ringwood, Hampshire BH24 3AN (GB).
- (74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08J 5/18, C09K 19/38, G02B 5/30, G02F 1/1335

(11) WO 2004/090025 (13) A1

(21) PCT/EP2004/003547

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 03 007 917.2 8 Apr/avr 2003 EP (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • POLYMERISED LIQUID CRYSTAL FILM WITH RETARDATION OR ORIENTATION PATTERN

• FILM DE CRISTAL LIQUIDE POLYMERISE A MOTIF DE RETARD OU D'ORIENTATION

(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) HARDING, Richard [GB/GB]; 4 Eiland Close, Fair Oak, Eastleigh, Hants SO50 7JY (GB). MARDEN, Shirley, Ann [GB/GB]; 244 Ringwood Road, Parkstone, Poole Dorset BH14 0RS (GB). HASSALL, Ian, Victor, Edward [GB/GB]; 22 Burnham Road, Christchurch, Dorset BH23 7ND (GB). McCREARY, Janice [GB/GB]; Flat 2, 29 Bellevue Road, Southampton SO15 2AX (GB). SKJONNEMAND, Karl [GB/GB]; 26 Ingrebourne Way, Didcot, Oxfordshire OX11 7UP (GB).

(74) MERCK PATENT GmbH; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C08J 5/18, C08L 67/02, C08K 5/29, B29C 61/08, 55/22, H01G 9/08 // C08L 67:02, B29K 67:00, B29L 23:00

(11) WO 2004/090026 (13) A1

(21) PCT/JP2004/005076

(22) 8 Apr/avr 2004 (08.04.2004)

(25) ja (26) ja

(30) 2003-105632 9 Apr/avr 2003 JP (09.04.2003)

(30) 2003-339346 30 Sep/sep 2003 JP (30.09.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HEAT-SHRINKABLE POLYESTER TUBE AND CAPACITOR PRODUCT COVERED THEREWITH

• TUBE DE POLYESTER THERMO-RETRACTABLE ET PRODUIT DE CONDENSATEUR RECOUVERT DE CE TUBE

(71) MITSUBISHI PLASTICS, INC. [JP/JP]; 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUIJITANI, Yoshiyuki [JP/JP]; c/o MITSUBISHI PLASTICS, INC. Nagahama Plant, 5-8, Mitsuya-cho, Nagahama-shi, Shiga 526-8660 (JP). TANIGUCHI, Kouichirou, [JP/JP]; c/o MITSUBISHI PLASTICS, INC. Nagahama Plant, 5-8, Mitsuya-cho, Nagahama-shi, Shiga 526-8660 (JP).

(74) OSHIMA, Yumiko et al. / etc.; PATENTO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08J 9/04, 9/28, 9/30, 9/32, B41M 5/00

(11) WO 2004/090027 (13) A1

(21) PCT/GB2004/001470

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0307963.9 5 Apr/avr 2003 GB (05.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A FOAMED MATERIAL AND A METHOD OF MAKING A FOAMED MATERIAL

• MATERIAU EN MOUSSE ET PROCEDE DE FABRICATION

(71) EASTMAN KODAK COMPANY [US/US]; 343 State Street, Rochester, NY 14650-2201 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUNT, Joanne [GB/GB]; 56 Mallard Road, Abbots Langley, Hertfordshire WD5 0GF (GB). BAKER, Julie [GB/GB]; 46 Dowding Way, Leavesden, Watford, Hertfordshire WD25 7GA (GB). PITT, Alan [GB/GB]; 49 St Albans Road, Sandridge, St Albans, Hertfordshire AL4 9LE (GB).

(74) ELLIS, Michael; Kodak Limited, Patent Department (W92-3A), Headstone Drive, Harrow, Middlesex HA1 4TY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08J 9/04

(11) WO 2004/090028 (13) A1

(21) PCT/JP2004/005114

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ja (26) ja

(30) 2003-106807 10 Apr/avr 2003 JP (10.04.2003)

(30) 2003-162253 6 Jun/juin 2003 JP (06.06.2003)

(30) 2003-162252 6 Jun/juin 2003 JP (06.06.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • POLYMER FOAM CONTAINING HYDROGENATED COPOLYMER

• MOUSSE POLYMERE CONTENANT UN COPOLYMERE HYDROGENE

(71) ASAHI KASEI CHEMICALS CORPORATION [JP/JP]; 1-2, Yuraku-cho 1-chome, Chiyoda-ku, Tokyo, 1008440 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SASAGAWA, Masahiro [JP/JP]; 6-15, Katabuki, Kanazawa-ku, Yokohama-shi, Kanagawa, 2360055 (JP). SHIRAKI, Toshi-nori [JP/JP]; 2-16-14, Sakuramori, Yamato-shi, Kanagawa, 2420028 (JP). YOO, Chong-Sun [KR/KR]; 220-1404 LG Metro City 4-2nd, 176-30 Yong Ho Dong, Nam Gu, Busan, 608090 (KR). YOON, Jung-Sik [KR/KR]; 7-804 KukJe BackYang APT, 791 Dang Gam Dong, Jin Gu, Busan, 614103 (KR). CHOI, Kyung-Man [KR/KR]; 7-1106 KukJe BackYang APT, 791 Dang Gam Dong, Jin Gu, Busan, 614103 (KR). UM, Gi-Yong [KR/KR]; 464-4 Bu Am Dong, Jin Gu, Busan, 614093 (KR).

(74) WATANABE, Junzo; Akasaka Habitation Building 3rd Floor, 3-5, Akasaka 1-chome, Minato-ku, Tokyo, 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08J 9/22

(11) WO 2004/090029 (13) A1

(21) PCT/JP2004/003844

(22) 22 Mar/mar 2004 (22.03.2004)

- (25) ja (26) ja
- (30) 2003-101557 **4 Apr/avr 2003** JP
(04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • EXPANDABLE STYRENE-MODIFIED OLEFIN RESIN PARTICLE, PRE-EXPANDED PARTICLE, AND PROCESS FOR PRODUCING MOLDED FOAM
• PARTICULE DE RESINE D'OLEFINE A STYRENE EXPANSIBLE MODIFIE, PARTICULE PRE-EXPANSIBLE ET PROCEDE DE PRODUCTION DE MOUSSE MOULEE
- (71) SEKISUI PLASTICS CO. LTD. [JP/JP]; 4-4, Nishitenma 2-chome, Kita-ku, Osaka-shi, Osaka, 5300047 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TOGOU, Narihiko [JP/JP]; 3-171, Iwanachuo, Kousei-cho, Kouka-gun, Shiga, 5203254 (JP). SATOU, Masaya [JP/JP]; 988-14, Mikumo, Kousei-cho, Kouka-gun, Shiga, 5203221 (JP).
- (74) NOGAWA, Shintaro; MINAMIMORI-MACHI PARK BLDG., 1-3, Nishitenma 5-chome, Kita-ku, Osaka-shi, Osaka, 5300047 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08K 3/00, 5/00, C08F 8/14, 220/10, 220/34, 220/36, 293/00, C08L 33/14, 23/00
- (11) WO 2004/090030 (13) A1
- (21) PCT/EP2004/050386
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 03405235.7 **8 Apr/avr 2003** EP
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • LIGHT STABILISING POLYMER DISPERSANTS IN PIGMENT DISPERSIONS
• DISPERSANTS POLYMERES PHOTOSTABILISANTS DANS DES DISPERSIONS DE PIGMENTS
- (71) CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VOGEL, Thomas [DE/DE]; Nikolaus Hönigerweg 4, 79576 Haltingen (DE). SODER, Sibylle [CH/CH]; Salinenstrasse 31, CH-4313 Möhlin (CH). SIMMENDINGER, Peter [DE/CH]; Sandweg 8, CH-4123 Allschwil (CH).
- (74) CIBA SPECIALTY CHEMICALS HOLDING INC.; Patent Department, Klybeckstrasse 141, CH-4057 Basel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ C08K 3/00
- (11) WO 2004/090031 (13) A2
- (21) PCT/US2004/010267
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 60/459,230 **1 Apr/avr 2003** US
(01.04.2003)
- (30) 60/485,964 **10 Jul/juil 2003** US
(10.07.2003)
- (30) 60/485,965 **10 Jul/juil 2003** US
(10.07.2003)
- (30) 60/491,632 **31 Jul/juil 2003** US
(31.07.2003)
- (30) 60/497,592 **25 Aug/août 2003** US
(25.08.2003)
- (30) 10/673,093 **26 Sep/sep 2003** US
(26.09.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHODS OF SELECTING AND DEVELOPING A PARTICULATE MATERIAL
• PROCEDES POUR SELECTIONNER ET DEVELOPPER UNE MATIERE PARTICULAIRE
- (71) CABOT CORPORATION [US/US]; Two Seaport Lane, Suite 1300, Boston, MA 02210-2019 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BROWN, Steven, E. [US/US]; 3 Joco Drive, Tyngsboro, MA 01879 (US). REZNEK, Steven, R. [US/US]; 781 Strawberry Hill Road, Concord, MA 01742 (US). MORRISON, Ian, D. [US/US]; 18 Prescott Road, Acton, MA 01720 (US).
- (74) FOLLET, Robert, J.; Cabot Corporation, 157 Concord Road, Billerica, MA 01821-7001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ C08L 63/00
- (11) WO 2004/090033 (13) A1
- (21) PCT/JP2004/005004
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) ja (26) ja
- (30) 2003-103346 **7 Apr/avr 2003** JP
(07.04.2003)
- (30) 2003-103357 **7 Apr/avr 2003** JP
(07.04.2003)
- (30) 2003-103435 **7 Apr/avr 2003** JP
(07.04.2003)
- (30) 2003-103438 **7 Apr/avr 2003** JP
(07.04.2003)
- (30) 2003-103443 **7 Apr/avr 2003** JP
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • EPOXY RESIN MOLDING MATERIAL FOR SEALING USE AND SEMICONDUCTOR DEVICE
• MATERIAU DE MOULAGE A RESINE EPOXY DE SCELLAGE ET DISPOSITIF A SEMI-CONDUCTEURS

- (71) **HITACHI CHEMICAL CO., LTD.** [JP/JP]; 1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo, 1630449 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **IKEZAWA, Ryoichi** [JP/JP]**NARA, Naoki** [JP/JP]**CHAKI, Hideyuki** [JP/JP]**MIZUKAMI, Yoshihiro** [JP/JP]**ENDO, Yoshinori** [JP/JP]**KASHIHARA, Takaji** [JP/JP]**FURUSAWA, Fumio** [JP/JP]**YOSHII, Masaki** [JP/JP]**HAGIWARA, Shinsuke** [JP/JP]**KATAYOSE, Mitsuo** [JP/JP]
- (74) **MIYOSHI, Hidekazu**; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku Tokyo, 1050001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08L 71/02, 33/06, C09K 3/10, C09J 201/10, 171/02**
- (11) **WO 2004/090035** (13) A1
- (21) PCT/JP2004/004806
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) ja (26) ja
- (30) 2003-106848 **10 Apr/avr 2003 JP (10.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **CURABLE COMPOSITION**
• **COMPOSITION**
- (71) **KANEKA CORPORATION** [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi Osaka, 5308288 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KASAI, Mitsuhiro**, [JP/JP]; 3-19-18, Umei, Takasago-shi Hyogo, 6760074 (JP). **TAMAI, Hitoshi**, [JP/JP]; 5-18-405, Iho 2-chome, Takasago-shi Hyogo, 6760078 (JP). **YANO, Ayako**, [JP/JP]; 5-304, Shinohara-cho, Kakogawa-cho, Kakogawa-shi Hyogo, 6750065 (JP).
- (74) **KANEKA CORPORATION**; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi Osaka, 5308288 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08L 67/04, C08K 9/00**
- (11) **WO 2004/090034** (13) A1
- (21) PCT/JP2004/004856
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) ja (26) ja
- (30) 2003-098736 **2 Apr/avr 2003 JP (02.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **INJECTION-MOLDED OBJECT**
• **OBJET MOULE PAR INJECTION**
- (71) **MITSUBISHI PLASTICS, INC.** [JP/JP]; 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OHASHI, Akihiro** [JP/JP]; c/o MITSUBISHI PLASTICS, INC., Nagahama Plant, 5-8, Mitsuya-cho, Nagahama-shi, Shiga 526-8660 (JP). **TANAKA, Kazuya** [JP/JP]; c/o MITSUBISHI PLASTICS, INC., Nagahama Plant, 5-8, Mitsuya-cho, Nagahama-shi, Shiga 526-8660 (JP). **KATO, Yukio** [JP/JP]; c/o MITSUBISHI PLASTICS, INC., Hiratsuka Plant, 1-35, Nishishindo 2-chome, Hiratsuka-shi, Kanagawa 254-0019 (JP). **TAKAGI, Jun** [JP/JP]; c/o MITSUBISHI PLASTICS, INC., Nagahama Plant, 5-8, Mitsuya-cho, Nagahama-shi, Shiga 526-8660 (JP).
- (74) **OSHIMA, Yumiko** et al. / etc.; PATENTO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 77/06, C08K 5/5313**
- (11) **WO 2004/090036** (13) A1
- (21) PCT/EP2004/002992
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) de (26) de
- (30) 103 16 873.7 **11 Apr/avr 2003 DE (11.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **FLAMEPROOF POLYAMIDE MOULDING MATERIALS**
• **MATIERES A MOULER POLYAMIDE IGNIFUGES**
- (71) **EMS-CHEMIE AG** [CH/CH]; Reichenauerstrasse, CH-7013 Domat/Ems (CH).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SCHNEIDER, Ewald** [AT/CH]; Oberprada 109, CH-7414 Fürstenu (CH).
- (74) **PFENNING, MEINIG & PARTNER GBR**; Mozartstrasse 17, 80336 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08L 83/04, 83/06, H01B 1/12**
- (11) **WO 2004/090037** (13) A1
- (21) PCT/FR2004/000708
- (22) **23 Mar/mar 2004 (23.03.2004)**
- (25) fr (26) fr
- (30) FR 03 04153 **3 Apr/avr 2003 FR (03.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **SETTING COMPOSITION FOR A BATTERY ELECTROLYTE**
• **COMPOSITION RETICULABLE POUR ELECTROLYTE DE BATTERIE**
- (71) **RHODIA CHIMIE** [FR/FR]; 26, quai Alphonse Le Gallo, F-92512 BOULOGNE BILLANCOURT (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BARRANDON, Georges** [FR/FR]; Le Champ, Cidex D44, F-69440 MORNANT (FR). **GEORGE, Catherine** [FR/FR]; 2 bis, rue des Mourrons, F-69290 SAINT GENIS LES OLLIERES (FR). **VERGELATI, Carrol** [FR/FR]; Lieu-dit "Villeneuve", F-38118 SAINT BAUDILLE DE LA TOUR (FR). **GIRAUD, Yves** [FR/FR]; 11, rue du Brulet, F-69110 SAINTE FOY LES LYON (FR).
- (74) **TROLLIET, Maurice**; Centre de Recherches de Lyon, Direction de la Propriété Industrielle, BP 62, F-69192 SAINT FONS (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C08L 83/04, 83/12, H01B 1/04, H01M 8/10, C08G 77/42
- (11) WO 2004/090038 (13) A1
- (21) PCT/FR2004/000709
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) fr (26) fr
- (30) 0304157 3 Apr/avr 2003 FR (03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SETTING COMPOSITION FOR A BATTERY ELECTROLYTE
- COMPOSITION RETICULABLE POUR ELECTROLYTE DE BATTERIE
- (71) RHODIA CHIMIE [FR/FR]; 26 quai Alphonse Le Gallo, F-92512 BOULOGNE BILLANCOURT (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GAMBUT-GAREL, Lucile [FR/FR]; 16, rue des Tuiliers, F-69003 LYON (FR). GEORGE, Catherine [FR/FR]; 2 bis, rue des Mourrons, F-69290 SAINT GENIS LES OLLIERES (FR). VERGELATI, Carroll [FR/FR]; Lieu-dit "Villeneuve", F-38118 SAINT BAUDILLE DE LA TOUR (FR). PUJOL, Jean-Marc [FR/FR]; 60, rue de Genève -n°9, F-69140 Rilleux (FR).
- (74) TROLLIET, Maurice; Centre de Recherches de Lyon, Direction de la Propriété Industrielle, BP 62, F-69192 SAINT FONS (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08L 83/04, 57/06
- (11) WO 2004/090040 (13) A1
- (21) PCT/JP2004/004332
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 2003-103303 7 Apr/avr 2003 JP (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ADDITIVE FOR OPTICAL RESINS, AND OPTICAL RESIN COMPOSITION
- ADDITIF POUR RESINES OPTIQUES ET COMPOSITION DE RESINE OPTIQUE
- (71) NIPPON SHOKUBAI CO., LTD. [JP/JP]; 1-1, Koraibashi 4-chome, Chuo-ku, Osaka-shi, Osaka 5410043 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SASAKI, Yoshikuni [JP/JP]; 1-406, 5, Nishi-machi, Takatsuki-shi, Osaka 5690854 (JP). ANDO, Nobuyuki [JP/JP]; 12-5, Kaminoshicho, Nikaido, Tenri-shi, Nara 6320081 (JP). HIRAUCHI, Tatsushi [JP/JP]; 4-52, Nakanoshima-cho, Suita-shi, Osaka 5640035 (JP). IKEDA, Hayato [JP/JP]; 6-13-22-5, Rokujonishi, Nara-shi, Nara 6308044 (JP). KURAMOTO, Shigefumi [JP/JP]; 2-33-4, Minaminosaka, Kawamishi-shi, Hyogo 6660136 (JP).
- (74) MATSUMOTO, Takehiko; 25-6, Hannan-cho 1-chome, Abeno-ku, Osaka-shi, Osaka 5450021 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
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- (51)⁷ C08L 83/04
- (11) WO 2004/090039 (13) A2
- (21) PCT/FR2004/000790
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) fr (26) fr
- (30) 03/04216 4 Apr/avr 2003 FR (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PARTICLE BOARD, PARTICULARLY MADE OF CORK, COMPRISING A VULCANIZED SILICON BINDER, USE OF SAID BOARD FOR THE PRODUCTION OF CORKS
- AGGLOMERE DE PARTICULES, NOTAMMENT DE LIEGE, COMPRENANT UN LIANT SILICONE VULCANISE, UTILISATION DE CET AGGLOMERE POUR LA FABRICATION DE BOUCHON
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08L 83/04
- (11) WO 2004/090041 (13) A2
- (21) PCT/JP2004/005014
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 2003-103252 7 Apr/avr 2003 JP (07.04.2003)
- (30) 2003-160302 5 Jun/juin 2003 JP (05.06.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CURABLE ORGANOPOLYSILOXANE RESIN COMPOSITION FOR OPTICAL TRANSMISSION COMPONENTS, OPTICAL TRANSMISSION COMPONENTS, AND FABRICATION PROCESS THEREOF
- COMPOSITION DE RESINE ORGANOPOLYSILOXANE DURCISSABLE POUR COMPOSANTS DE TRANSMISSION OPTIQUE, COMPOSANTS DE TRANSMISSION OPTIQUE ET PROCEDE DE FABRICATION ASSOCIE
- (71) DOW CORNING ASIA CO. LTD. [JP/JP]; 1-3 Marunouchi 1-chome, Chiyoda-ku, Tokyo, 1000005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KUSHIBIKI, Nobuo [JP/JP]; 2-6-22 Honfujisawa Fujisawa-shi, Kanagawa, 2510875 (JP). OGAWA, Takuya [JP/JP]; 1-36-8, Isobe Mihama-ku, Chiba-shi, Chiba, 2610012 (JP). TAKEUCHI, Kikuko [JP/JP]; 57-2 Ikoma Minamiashigara-shi Kanagawa, 2500124 (JP).
- (74) KUBOTA, Yoshitaka; c/o Asa International Patent Firm Chiba Office 43-27, Satsukigaoka 1-chome, Hanamigawa-ku, Chiba-shi Chiba, 2620014 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08L 87/00, 67/02, 67/04, C08G 18/42, 63/91, 63/08, C08L 53/00
- (11) WO 2004/090042 (13) A1
- (21) PCT/EP2004/003066
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) de (26) de
- (30) 103 16 573.8 10 Apr/avr 2003 DE (10.04.2003)

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • BLENDS WITH SHAPE MEMORY CHARACTERISTICS
- MELANGES A MEMOIRE DE FORME
- (71) MNEMOSCIENCE GMBH [DE/DE]; Carlstrasse 50, 52531 Uebach-Palenberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LENDLEIN, Andreas [DE/DE]; Sundgauerstrasse 142, 14167 Berlin (DE).
RIDDER, Ute [DE/DE]; Rütischer Strasse 74, 52072 Aachen (DE).
- (74) HAMMER, Jens; Grünecker, Kinkeldey, Stockmair & Schwanhäusser, Maximilianstrasse 58, 80538 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ C08L 101/00, C08K 7/22, 5/00, B32B 27/18, A23L 3/00, A23B 4/06, A61F 13/47, 13/49
- (11) WO 2004/090044 (13) A1
- (21) PCT/JP2004/004989
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) ja (26) ja
- (30) 2003-106308 10 Apr/avr 2003 JP (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • WATER-ABSORBING RESIN COMPOSITION
- COMPOSITION DE RESINE HYDRO-ABSORBANTE
- (71) SUMITOMO SEIKA CHEMICALS CO., LTD. [JP/JP]; 346-1, Miyanishi, Harima-cho, Kako-gun, Hyogo 675-0145 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TANIGUCHI, Takayasu [JP/JP]; c/o Functional Polymers Research Laboratory, Sumitomo Seika Chemicals Co., Ltd., 1, Irifune-cho, Shikama-ku, Himeji-shi, Hyogo 672-8076 (JP).
HANDA, Masayoshi [JP/JP]; c/o Functional Polymers Research Laboratory, Sumitomo Seika Chemicals Co., Ltd., 1, Irifune-cho, Shikama-ku, Himeji-shi, Hyogo 672-8076 (JP).
NAWATA, Yasuhiro [JP/JP]; c/o Functional Polymers Research Laboratory, Sumitomo Seika Chemicals Co., Ltd., 1, Irifune-cho, Shikama-ku, Himeji-shi, Hyogo 672-8076 (JP).
- (74) KAWAMIYA, Osamu et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-cho, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C09B 95/00
- (11) WO 2004/090043 (13) A1
- (21) PCT/US2004/010044
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 60/460,645 4 Apr/avr 2003 US (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • TUBULAR REACTOR ETHYLENE/ALKYL ACRYLATE COPOLYMER AS POLYMERIC MODIFIERS FOR ASPHALT
- COPOLYMER D'ETHYLENE/D'ACRYLATE D'ALKYLE DE REACTEUR TUBULAIRE UTILISE EN TANT QUE MODIFICATEURS POLYMERES POUR DU BITUME
- (71) E.I. DUPONT DE NEMOURS AND COMPANY [US/US]; 1007 MARKET STREET, WILMINGTON, Delaware 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PREJEAN, George, Wyatt [US/US]; 2209 Rio Grande, Orange, Texas 77630 (US).
- (74) STEVENSON, Robert, B.; E. I. DU PONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 4417 Lancaster Pike, Wilmington, Delaware 19805 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL
- (30) 103 16 402.2 10 Apr/avr 2003 DE (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHANESULFOAMIDE AZO DYE
- COLORANTS AZOÏQUES A ENTITE METHANESULFONAMIDE
- (71) CLARIANT GMBH [DE/DE]; Brünningstrasse 50, 65929 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PFLIEGER, Dominique [FR/FR]; 19, rue Principale, F-68130 Tagsdorf (FR).
METZ, Hans, Joachim [DE/DE]; Jahnstrasse 36, 64285 Darmstadt (DE).
- (74) HÜTTER, Klaus et al. / etc.; Clariant Service GmbH, Patente, Marken, Lizenzen, Am Unisys-Park 1, 65843 Sulzbach (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ C09B 57/00, C07D 487/04, C09K 11/06, C07D 519/00
- (11) WO 2004/090046 (13) A1
- (21) PCT/EP2004/050403
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 03100972.3 10 Apr/avr 2003 EP (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FLUORESCENT DIKETOPYRROLOPYRROLES
- DICETOPYRROLOPYRROLS FLUORESCENTS
- (71) CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAMAMOTO, Hiroshi [JP/JP]; 2-1-4-302, Kofuen, Nishinomiya-shi, Hyogo 662-0832 (JP).
DAN, Norihisa [JP/JP]; 79-14, Hashimoto, Kurigadani, Yawata-shi, Kyoto 614-8327 (JP).
- (74) CIBA SPECIALTY CHEMICALS HOLDING INC.; Patent Department, Klybeckstrasse 141, CH-4057 Basel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL
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- (51)⁷ C09B 45/04, 45/18, 45/28, 29/16, 29/36, 31/02, 31/072, 31/147, 33/22, 31/20
- (11) WO 2004/090045 (13) A1
- (21) PCT/EP2004/003380
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) de (26) de

- SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ C09B 57/10, 49/12, C09D 11/02, B41J
2/01, D21H 19/38, G06F 3/08
- (11) WO 2004/090047 (13) A1
- (21) PCT/AU2004/000436
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 2003901617 7 Apr/avr 2003 AU
(07.04.2003)
- (30) 2003901795 15 Apr/avr 2003 AU
(15.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • WATER-BASED DITHIOLENE IN-
FRARED INKJET INKS
• ENCRE POUR IMPRESSION A JET
D'ENCRE A INFRAROUGES A BASE
DE DITHIOLENE UTILISANT DE
L'EAU
- (71) SILVERBROOK RESEARCH PTY LTD
[AU/AU]; 393 Darling Street, Balmain, New
South Wales 2041 (AU).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) HALL, Lachlan, Everett [AU/AU];
Silverbrook Research Pty Ltd, 393 Darling
Street, Balmain, New South Wales 2041
(AU). PAPADAKIS, Alexandra, Artemis
[AU/AU]; Silverbrook Research Pty Ltd, 393
Darling Street, Balmain, New South Wales
2041 (AU). RIDLEY, Damon, Donald
[AU/AU]; Silverbrook Research Pty Ltd, 393
Darling Street, Balmain, New South Wales
2041 (AU). STARLING, Scott, Matthew
[AU/AU]; Silverbrook Research Pty Ltd, 393
Darling Street, Balmain, New South Wales
2041 (AU). VONWILLER, Simone, Char-
lotte [AU/AU]; Silverbrook Research Pty
Ltd, 393 Darling Street, Balmain, New South
Wales 2041 (AU). SILVERBROOK, Kia
[AU/AU]; Silverbrook Research Pty Ltd, 393
Darling Street, Balmain, New South Wales
2041 (AU). LAPSTUN, Paul [NO/AU];
Silverbrook Research Pty Ltd, 393 Darling
Street, Balmain, New South Wales 2041
(AU).
- (74) SILVERBROOK, Kia; Silverbrook Re-
search Pty Ltd, 393 Darling Street, Balmain,
New South Wales 2041 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Declarations / Déclarations :
(u) for / pour US only / seulement; (u) for / pour
US only / seulement
-
- (51)⁷ C09D 1/00
- (11) WO 2004/090049 (13) A1
- (21) PCT/KR2004/000791
- (22) 3 Apr/avr 2004 (03.04.2004)
- (25) ko (26) en
- (30) 10-2003-0021570 7 Apr/avr 2003 KR
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • POWDER FOR ISOLATING INFRARED
RAYS, AND ISOLATING SOLUTION
AND GOODS USING THE SAME
• POUDRE PERMETTANT DE BLO-
QUER LES RAYONS INFRAROUGES,
SOLUTION BLOQUANTE ET AR-
TICLES UTILISANT CETTE POUDRE
- (71) ADVANCED NANO PRODUCTS COM-
PANY LIMITED [KR/KR]; 244, Buyong In-
dustrial Complex, Gumho-ri Buyong-myeon,
Chungwon-gun, Chungcheongbuk-do
363-942 (KR). TORAY SAEHAN INCOR-
PORATED [KR/KR]; 93-1, Imsu-dong,
Gumi-city, Gyungangbuk-do 730-350 (KR).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) PARK, Jang-Woo [KR/KR]; 109-1604
Hanul Apt., 160-1 Sinsong-dong
Yuseong-gu, Daejeon 305-805 (KR). KIM,
Sung-Ryul [KR/KR]; 104-703 Jugong Apt.,
57 Hwiyeong-dong Dongdeamun-gu, Seoul
130-090 (KR). CHOI, Su-Mi [KR/KR];
7-101 Gyeryong Apt., Boksu-dong, Seo-gu,
Daejeon 302-210 (KR).
- (74) KIM, Joon-Soo; 6th Fl., Yeongjin-Bldg.,
300-15, Gaya 3-dong Busanjin-gu, Busan
614-803 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ C09D 1/02, C08J 7/06
- (11) WO 2004/090050 (13) A1
- (21) PCT/EP2004/003610
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) de (26) de
- (30) 103 16 476 9 Apr/avr 2003 DE
(09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • HYDROSOLUBLE POLYMERS EX-
HIBITING IMPROVED SOLUBILITY
CHARACTERISTICS, THE PRODUC-
TION AND USE THEREOF
• POLYMERES HYDROSOLUBLES A
MEILLEURE SOLUBILITE, LEUR
PRODUCTION ET LEUR UTILISA-
TION
- (71) STOCKHAUSEN GMBH & CO. KG
[DE/DE]; Bäckerpfad 25, 47805 Krefeld
(DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) STEINER, Norbert [AT/DE]; Bern-
hardstrasse 20a, 63755 Alzenau (DE).
HERTH, Gregor [DE/DE]; Sprödenal-
strasse 82, 47799 Krefeld (DE). ZIM-
MERMANN, Klaus [DE/DE]; Schulweg 4,
63517 Rodenbach (DE). JAKOB, Harald
[DE/DE]; Meerholzer Strasse 1, 63594 Has-
selroth-Niedermittlau (DE). OVERDICK,
Ralf [DE/DE]; Brückenstrasse 3, 65719
Hofheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 5/03, 7/14, 201/00, B01F 3/12,
13/00, B01J 2/16

(11) WO 2004/090051 (13) A1

(21) PCT/JP2004/003889

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-104997 9 Apr/avr 2003 JP
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROCESS FOR PRODUCING POW-
DER COATING COMPOSITION AND
POWDER COATING COMPOSITION
OBTAINED BY THE PRODUCTION
PROCESS

• PROCEDE DE PRODUCTION D'UNE
COMPOSITION DE REVETEMENT EN
POUDRE ET COMPOSITION DE RE-
VETEMENT EN POUDRE OBTENUE
A L'AIDE DE CE PROCEDE

(71) HOSOKAWA POWDER TECHNOL-
OGY RESEARCH INSTITUTE [JP/JP];
5-14, Kawaramachi 2-chome, Chuo-ku, Os-
aka-shi, Osaka 541-0048 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TSUJIMOTO, Hiroyuki [JP/JP]; c/o
Hosokawa Powder Technology, Research
Institute, 9, Shoudai-Tajika 1-chome, Hi-
rakata-shi, Osaka 573-1132 (JP). URA,
Chizu [JP/JP]; 314-4, Yoshihara, Mi-
hama-cho, Hidaka-gun, Wakayama 644-0043
(JP). KINOSHITA, Naotoshi [JP/JP]; c/o
Hosokawa Powder Technology, Research
Institute, 9, Shoudai-Tajika 1-chome, Hi-
rakata-shi, Osaka 573-1132 (JP). IWATO,
Masaru [JP/JP]; c/o Hosokawa Powder Tech-
nology, Research Institute, 9, Shoudai-Tajika
1-chome, Hirakata-shi, Osaka 573-1132 (JP).
SUHARA, Kazuki [JP/JP]; c/o Hosokawa
Powder Technology, Research Institute, 9,
Shoudai-Tajika 1-chome, Hirakata-shi, Osaka
573-1132 (JP).

(74) SANO, Shizuo; Tenmabashi-Yachiyo
Bldg. Bekkan, 2-6, Tenmabashi-kyomachi,
Chuo-ku, Osaka-shi, Osaka 540-0032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C09D 5/16, A01N 37/18, 37/20, 37/36,
43/24, 47/06, 47/08

(11) WO 2004/090052 (13) A1

(21) PCT/EP2004/003710

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 03008352.1 10 Apr/avr 2003 EP
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NON-TOXIC COATING COMPOSI-
TION, METHODS OF USE THEREOF
AND ARTICLES PROTECTED FROM
ATTACHMENT OF BIOFOULING OR-
GANISMS

• COMPOSITION DE REVETEMENT
NON TOXIQUE, SES PROCEDES
D'UTILISATION ET OBJETS PRO-
TEGES CONTRE LA FIXATION
D'ORGANISMES FAVORISANT
L'ENCRASSEMENT BIOLOGIQUE

(71) SYMRISE GMBH & CO. KG [DE/DE];
Mühlenfeldstrasse 1, 37603 Holzminden
(DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PELZER, Ralf [DE/DE]; Im Schloss-
garten 3, 37699 Fürstenberg (DE).
WÖHRL, Ingo [DE/DE]; Fahrenbreite
23a, 37603 Holzminden (DE).

(74) STILKENBÖHMER, Uwe; Eisenführ,
Speiser & Partner, Postfach 10 60 78, 28060
Bremen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C09D 5/24, 7/12

(11) WO 2004/090053 (13) A1

(21) PCT/NL2004/000223

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 2003-106096 10 Apr/avr 2003 JP
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CURABLE LIQUID COMPOSITOIN,
CURED FILM, AND ANTISTATIC
LAMINATE

• COMPOSITION LIQUIDE DURCIS-
SABLE, FILM DURCI ET STRATIFIE
ANTISTATIQUE

(71) DSM IP ASSETS B.V. [NL/NL]; Het Over-
loon 1, NL-6411 TE Heerlen (NL). JSR
CORPORATION [JP/JP]; 5-6-10, Tsukiji
Chuo-ku, Tokyo 104-8410 (JP). JAPAN
FINE COATINGS CO., LTD. [JP/JP];

5-6-10, Tsukiji Chuo-ku, Tokyo 104-0045
(JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YAMAGUCHI, Yoshikazu [JP/JP];
336-20, Sakura-Machi, Yokkaichi 512-1211
(JP). ITAI, Shingo [JP/JP]; 5-6-10, Tsukiji
Chuo-ku, Tokyo 104-8410 (JP). UEDA, Jiro
[JP/JP]; 2-13-28-213, Kawaguchi, Tsuchiura
300-0033 (JP). TANABE, Takayoshi
[JP/JP]; 2-18-33-M2-1, Umezono, Tsukuba
305-0045 (JP). SOUTHWELL, John, Ed-
mond [US/US]; 735 Pleasant Street, Elgin
60137 (US).

(74) RENKEMA, J.; DSM Intellectual Property,
P.O. Box 9, NL-6160 MA Geleen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ C09D 5/34, C09K 3/10, E06B 3/56

(11) WO 2004/090054 (13) A1

(21) PCT/NZ2004/000063

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 525215 8 Apr/avr 2003 NZ
(08.04.2003)

(30) 528757 7 Oct/oct 2003 NZ
(07.10.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • GLAZING AND BEDDING COMPOSI-
TIONS

• COMPOSITIONS DE POSE ET DE
MASTICAGE

(71) SPECIALISED TECHNOLOGIES LIM-
ITED [NZ/NZ]; Level 2, 5 - 7 High Street,
Auckland (NZ).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PURDY, Kevin Grant [NZ/NZ]; 36
Sefton Avenue, Grey Lynn, Auckland (NZ).

(74) ADAMS, Matthew, D et al. / etc.; A J Park,
6th Floor Huddart Parker Building, PO Box
949, Wellington, 6015 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ

- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 5/44, 171/02, C08G 65/333, 65/335
- (11) WO 2004/090055 (13) A1
- (21) PCT/JP2004/004500
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) ja (26) ja
- (30) 2003/106047 10 Apr/avr 2003 JP (10.04.2003)
- (30) 2003/349810 8 Oct/oct 2003 JP (08.10.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • POLYADDITION PRODUCT AND CATIONIC ELECTRODEPOSITION COATING COMPRISING SAID POLYADDITION PRODUCT
- PRODUIT DE POLYADDITION ET REVETEMENT PAR ELECTRODEPOSITION CATIONIQUE COMPRENANT LEDIT PRODUIT DE POLYADDITION
- (71) KANSAI PAINT CO., LTD. [JP/JP]; 33-1, Kanzaki-cho, Amagasaki-shi, Hyogo 661-8555 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IJIMA, Hideki [JP/JP]; 2-33-1, Harajuku-minami, Shiroyama-machi, Tsukui-gun, Kanagawa 220-0103 (JP). KAMIKADO, Koji [JP/JP]; 1-12-5, Kogugaya, Sakae-ku, Yokohama-shi, Kanagawa 247-0007 (JP). SETODOI, Shigetaka [JP/JP]; 25-143, Azabuhara, Miyoshi-cho, Nishikamo-gun, Aichi 470-0206 (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) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C09D 175/04, C08G 18/38, 18/32
- (11) WO 2004/090056 (13) A1
- (21) PCT/US2004/011677
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/460,318 4 Apr/avr 2003 US (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • POLYMERIC CROSSLINKABLE COMPOSITIONS CONTAINING ACETAL AMIDES
- COMPOSITIONS RETICULABLES POLYMERES CONTENANT DES AMIDES ACETALS
- (71) E.I. DUPONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ADELMAN, Douglas [US/US]; 35 Indian Field Road, Wilmington, DE 19810 (US). BARSOTTI, Robert [US/US]; 4167 Coles Mill Road, Franklinville, NJ 08322 (US). CORCORAN, Patrick [US/US]; 25 Laurel Hill Drive, Cherry Hill, NJ 08003 (US). DRYSDALE, Neville [US/US]; 227 Welsh Track Road, Newark, NJ 19702 (US). LEAVELL, Kenneth [US/US]; 515 East Saint Andrews Drive, Media, PA 19063 (US). LENGES, Christian [DE/US]; 3 Bauer Lane, Wilmington, DE 19810 (US). LEWIN, Laura [US/US]; 105 Thissell Lane, Greenville, NJ 19807 (US).
- (74) SIEGELL, Barbara, C.; E. I. Du Pont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, Delaware 19805 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ C09D 175/16, C08G 18/81, 18/62
- (11) WO 2004/090057 (13) A1
- (21) PCT/EP2004/002475
- (22) 11 Mar/mar 2004 (11.03.2004)
- (25) de (26) de
- (30) 10316890.7 12 Apr/avr 2003 DE (12.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MIXTURES CONTAINING INITIATORS WHICH CAN BE ACTIVATED BY ACTINIC RADIATION AND TWO AND MORE COMPONENT SYSTEMS, METHOD FOR THE PRODUCTION AND USE THEREOF
- MELANGES CONTENANT DES AMORCEURS ACTIVABLES PAR RAYONNEMENT ACTINIQUE ET SYSTEMES A DEUX OU PLUSIEURS COMPOSANTS, PROCEDE DE PRODUCTION ET UTILISATION ASSOCIES
- (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) BAUMGART, Hubert [DE/DE]; Am Dornbusch 44 A, 48163 Münster (DE). MEISENBURG, Uwe [DE/DE]; Kardinal-Galen-Str. 42, 47051 Duisburg (DE). WEIKARD, Jan [DE/DE]; Bergstr. 115a, 51519 Odenthal (DE). MECHEL, Markus [DE/DE]; Am Vorend 9a, 51467 Bergisch-Gladbach (DE). FISCHER, Wolfgang [DE/DE]; Eschendonk 6, 40668 Meerbusch (DE).
- (74) MÜNCH, Volker; Lintorfer Str. 10, 40878 Ratingen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C09D 183/04
- (11) WO 2004/090058 (13) A1
- (21) PCT/KR2004/000747
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) ko (26) en
- (30) 10-2003-0022307 9 Apr/avr 2003 KR (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COATING COMPOSITION FOR INSULATING FILM PRODUCTION, PREPARATION METHOD OF INSULATION FILM BY USING THE SAME, INSULATION FILM FOR SEMI-CONDUCTOR DEVICE PREPARED THEREFROM, AND SEMI-CONDUCTOR DEVICE COMPRISING THE SAME
- COMPOSITION DE REVETEMENT SERVANT A LA PRODUCTION D'UN FILM ISOLANT, PROCEDE DE PREPARATION D'UN FILM ISOLANT AU MOYEN DE CETTE COMPOSITION, FILM ISOLANT POUR DISPOSITIF SEMI-CONDUCTEUR PREPARE A PARTIR DE CETTE COMPOSITION, ET DISPOSITIF SEMI-CONDUCTEUR COMPRENANT LADITE COMPOSITION
- (71) LG CHEM, LTD. [KR/KR]; LG Twin Tower, Yoido-dong 20, Youngdungpo-ku, Seoul 150-721 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MOON, Myung-Sun [KR/KR]; 105-804 Saemeori apt., Dunsan 2-dong, Seo-gu, Daejeon-city 302-777 (KR). KO, Min-Jin [KR/KR]; 105-1406 Luckyhana apt., Sinseong-dong, Yuseong-gu, Daejeon-city 305-721 (KR). NAM, Hye-Young [KR/KR]; 103-407 Boseong apt., Bokdae 2-dong, Heungdeok-gu, Cheongju-city,

Chungcheongbuk-do 361-272 (KR). **KANG, Jung-Won** [KR/KR]; 2-306 Geukdong apt., Hagyeo-dong, Nowon-gu, Seoul 139-230 (KR). **CHOI, Bum-Gyu** [KR/KR]; 311-204 Songganggreen apt., Songgang-dong, Yuseong-gu, Daejeon-city 305-751 (KR). **KIM, Byung-Ro** [KR/KR]; 406-406 Expo apt., Jeonmin-dong, Yuseong-gu, Daejeon-city 305-762 (KR). **KANG, Gwi-Gwon** [KR/KR]; 104-1 Munji-dong, Yuseong-gu, Daejeon-city 305-380 (KR). **KIM, Young-Duk** [KR/KR]; 106-703 Expo apt., Jeonmin-dong, Yuseong-gu, Daejeon-city 305-761 (KR). **PARK, Sang-Min** [KR/KR]; 110-402 Hyundai apt., Yucheon-dong, Daejeon-city 301-140 (KR).

(74) **YOU ME PATENT & LAW FIRM**; Teheran Bldg., 825-33 Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09J 7/02, B32B 27/32, 27/06

(11) WO 2004/090059 (13) A1

(21) PCT/EP2004/003752

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 103 16 621.1 11 Apr/avr 2003 DE (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BIAXIALLY ORIENTED POLYPROPYLENE FILM WITH COLD SEALING ADHESIVE

• FEUILLE DE POLYPROPYLENE A ORIENTATION BIAZIALE POURVUE D'UNE COLLE DE SOUDAGE A FROID

(71) **TREOFAN GERMANY GMBH & CO. KG** [DE/DE]; Bergstrasse, 66539 Neunkirchen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SPEITH-HERFURTH, Angela** [DE/DE]; Ernst-Ludwig-Strasse 12, 63329 Egelsbach (DE). **HANSOHN, Robert** [DE/DE]; Am Marktplatz 13, 66459 Kirkel (DE).

(74) **LUDERSCHMIDT, SCHÜLER & PARTNER**; John-F.-Kennedy-Strasse 4, 65189 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ C09J 109/00

(11) WO 2004/090060 (13) A2

(21) PCT/US2004/010532

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/408,046 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BUILDING SEALANT COMPOSITION
• COMPOSITION DE MATERIAU D'ETANCHEITE POUR BATIMENTS

(71) **BRIDGESTONE CORPORATION** [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAKO, Takayuki** [JP/US]; 3801 Fairway Park Drive, Suite 105, Copley, OH 44321 (US). **POULTON, Jason** [US/US]; 3961 Lake Vista Road, Akron, OH 44319 (US). **YAN, Yuan-Yong** [CN/US]; 613 Redfield Lane, Copley, OH 44321 (US).

(74) **VASUTA, John et al.** / etc.; Bridgestone Americas Holding, Inc., 1200 Firestone Parkway, Akron, OH 44317 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09J 167/04, C08K 3/00, C09J 123/08, 175/04

(11) WO 2004/090061 (13) A1

(21) PCT/EP2004/003300

(22) 27 Mar/mar 2004 (27.03.2004)

(25) de (26) de

(30) 103 16 17.3 11 Apr/avr 2003 DE (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • THERMOPLASTIC STIFFENING MATERIAL USED FOR MANUFACTURING SHOES, AND A METHOD FOR THE PRODUCTION THEREOF

• MATERIAU RIGIDIFIANT S'UTILISANT DANS LA FABRICATION DE CHAUSSURES ET PROCEDE DE PRODUCTION CORRESPONDANT

(71) **BK GIULINI GMBH** [DE/DE]; Giuliani Strasse 2, 67065 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILDING, Emil** [DE/DE]; Sudetenstrasse 1, 67134 Birkenheide (DE). **FATH, Markus** [DE/DE]; Karl-Räder Strasse 7, 67117 Limburgerhof (DE). **FREY, Stefan** [DE/DE]; HSH Strasse 8, 67310 Hettenleidelheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C09K

(11) WO 2004/090062 (13) A2

(21) PCT/US2004/010313

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/407,285 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LIPID-SOLUBLE FORMULATIONS CONTAINING MIXTURES OF ANTI-OXIDANTS

• FORMULATIONS LIPOSOLUBLES CONTENANT DES MELANGES D'ANTI-OXYDANTS

(71) **KEMIN INDUSTRIES, INC.** [US/US]; Krisit Krafla, 2100 Maury Street, Des Moines, IA 50301 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ADAMS, Clifford** [GB/BE]; Fruithoflann 101, bus 30, Berchem, B-2600 Antwerp (BE). **VAN DYCK, Stefaan** [BE/BE]; Leemputweg 40, B-2930 Brasschaat (BE). **TEUNCKENS, Aimee** [BE/BE]; Schaffenberg 13, B-2450 Meerhout (BE). **VERLEYEN, Tom** [BE/BE]; Vilain XIII-iaan 54, B-9150 Bazel (BE).

(74) **HERINK, Kent**; Davis, Brown, Koehn, Shors & Roberts, P.C., The Financial Center, 666 Walnut Street, Suite 2500, Des Moines, IA 50309 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09K 3/00, A61K 7/00, A61L 9/01

(11) WO 2004/090063 (13) A1

(21) PCT/JP2004/004568

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-098195 1 Apr/avr 2003 JP (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • GEL-STATE COMPOSITION
• COMPOSITION SOUS FORME DE GEL

(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) YAMATO, Naoya [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) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09K 3/18, C09D 5/02, 5/00

(11) WO 2004/090064 (13) A1

(21) PCT/AU2004/000461

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 2003901734 11 Apr/avr 2003 AU (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HYDROPHOBIC COATING
• REVETEMENT HYDROPHOBE

(71) UNISEARCH LIMITED [AU/AU]; Rupert Myers Building, Gate 14, Barker St, UNSW, Sydney, New South Wales 2052 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JONES, Ashley, Ward [AU/AU]; School of Chemistry, University of New South Wales, Sydney, NSW 2052 (AU). ZHANG, Hua [AU/AU]; School of Chemistry, University of New South Wales, Sydney,

NSW 2052 (AU). LAMB, Robert, Norman [AU/AU]; School of Chemistry, University of New South Wales, Sydney, NSW 2052 (AU).

(74) GRIFFITH HACK; GPO Box 4164, Sydney, New South Wales 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09K 3/18, C09D 5/02, 5/00

(11) WO 2004/090065 (13) A1

(21) PCT/AU2004/000462

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 2003901735 11 Apr/avr 2003 AU (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DURABLE SUPERHYDROPHOBIC COATING
• REVETEMENT SUPERHYDROPHOBE DURABLE

(71) UNISEARCH LIMITED [AU/AU]; Rupert Myers Building, Gate 14, Barker St, UNSW, Sydney, New South Wales 2052 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZHANG, Hua [AU/AU]; School of Chemistry, University of New South Wales, Sydney, NSW 2052 (AU). LAMB, Robert, Norman [AU/AU]; School of Chemistry, University of New South Wales, Sydney, NSW 2052 (AU). JONES, Ashley, Ward [AU/AU]; School of Chemistry, University of New South Wales, Sydney, NSW 2052 (AU).

(74) GRIFFITH HACK; GPO Box 4164, Sydney, New South Wales 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09K 5/10

(11) WO 2004/090066 (13) A1

(21) PCT/EP2004/003106

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 16 418.9 10 Apr/avr 2003 DE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • USE OF AN IONIC LIQUID
• UTILISATION D'UN LIQUIDE IONIQUE

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; ., 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OLBERT, Gerhard [DE/DE]; Frankenberg 11, 69221 Dossenheim (DE). MATTHE, Torsten [DE/DE]; Talweide 12, 67251 Freinsheim (DE). FIENE, Martin [DE/DE]; Ahornweg 10, 67150 Niederkirchen (DE). HUTTENLOCH, Oliver [DE/DE]; Ahornweg 14, 68809 Neulussheim (DE). HAMMON, Ulrich [DE/DE]; Kalmitstr. 8, 68163 Mannheim (DE).

(74) ISENBRUCK, Günter; Isenbruck Bösl Hörschler Wichmann Huhn, Patentanwälte, Theodor-Heuss-Anlage 12, 68165 Mannheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09K 7/02, E21B 33/138

(11) WO 2004/090067 (13) A2

(21) PCT/GB2004/001563

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 10/411,015 10 Apr/avr 2003 US (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DRILLING FLUIDS WITH IMPROVED SHALE INHIBITION AND METHODS OF USE IN SUBTERRANEAN FORMATIONS
• BOUES DE FORAGE A INHIBITION AMELIOREE D'ARGILITE ET PROCEDES DE FORAGE DANS DES FORMATIONS SOUTERRAINES

(71) HALLIBURTON ENERGY SERVICES, INC. [US/US]; P.O. Box 1431, Duncan, OK 73533 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71) WAIN, C., P. [GB/GB]; A. A. Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).
(only for / seulement pour MW)

(72, 75) YOUNGSON, Arthur [GB/GB]; 24 Cairn Gardens, Aberdeen, Scotland AQB15 9TE (GB). TEMPLE, Colin [GB/GB];

- Brooklands, Hattoncrook, Aberdeen, Scotland AB51 0QQ (GB).
- (74) **WAIN, Christopher, Paul** et al. / etc.; A A Thornton & Co, 235 High Holbon, London WC1V 7LE (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C09K 11/77**
- (11) **WO 2004/090068** (13) A1
- (21) PCT/CA2004/000527
- (22) **7 Apr/avr 2004 (07.04.2004)**
- (25) en (26) en
- (30) 60/460,395 **7 Apr/avr 2003** US (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **EUROPIUM-DOPED GALLIUM-INDIUM OXIDES AS RED EMITTING ELECTROLUMINESCENT PHOSPHOR MATERIALS**
• **OXYDES DE GALLIUM-INDIUM DOPES A L'EUROPIUM UTILISES COMME MATERIAUX PHOSPHORES ELECTROLUMINESCENTS ROUGES**
- (71) **MCMMASTER UNIVERSITY** [CA/CA]; Office of Research Contracts & IP, GH306, 1280 Main Street West, JHE 118, Hamilton, Ontario L8S 4L8 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KITAI, Adrian** [CA/CA]; 1612 Birchwood Drive, Mississauga, Ontario L5J 1T6 (CA). **JIANG, Zhimei** [CA/CA]; 610-1140 Mary Street North, Oshawa, Ontario L1G 5H1 (CA). **COOK, Ken** [CA/CA]; 222 Willowdale Avenue, Waterloo, Ontario N2J 3M1 (CA).
- (74) **SCHMIDT, Ingrid, E.**; Gowling Lafleur Henderson LLP, Suite 560-120 King Street West, PO Box 1045, LCD 1, Hamilton, Ontario L8N 3R4 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C09K 15/24, 15/28, C07C 215/44, C08K 5/18**
- (11) **WO 2004/090070** (13) A1
- (21) PCT/JP2004/004608
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) ja (26) ja
- (30) 2003-099104 **2 Apr/avr 2003** JP (02.04.2003)
- (30) 2003-410630 **9 Dec/déc 2003** JP (09.12.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **ANTIOXIDANT AND BISAMINOPHENOL DERIVATIVE**
• **ANTIOXYDANT ET DERIVE DE BISAMINOPHENOL**
- (71) **IDEMITSU PETROCHEMICAL CO. LTD.** [JP/JP]; 6-1, Yokoami 1-chome, Sumida-ku, Tokyo, 1300015 (JP).
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **C09K 15/00, C09D 7/12**
- (11) **WO 2004/090069** (13) A1
- (21) PCT/IB2004/001172
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) de (26) de
- (30) 03007900.8 **7 Apr/avr 2003** EP (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **HIGHLY CONCENTRATED, STORAGE STABLE AQUEOUS DISPERSIONS FOR STABILISING COATINGS AND GLAZES**
• **DISPERSIONS AQUEUSES TRES CONCENTREES ET STABLES AU STOCKAGE POUR STABILISER DES PEINTURES ET DES GLACIS**
- (71) **CLARIANT INTERNATIONAL LTD** [CH/CH]; Rothausstrasse 61, CH-4132 Muttenz 1 (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BECHTOLD, Karl** [DE/DE]; Baslerstrasse 2, 79418 Schliengen (DE).
- (74) **DÜNNWALD, Dieter**; Clariant International Ltd, Rothausstrasse 61, CH-4132 Muttenz 1 (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C10B 29/06**
- (11) **WO 2004/090071** (13) A1
- (21) PCT/JP2003/004477
- (22) **9 Apr/avr 2003 (09.04.2003)**
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **DEVICE AND METHOD FOR DIAGNOSING COKE OVEN CARBONIZING CHAMBER**
• **DISPOSITIF ET PROCEDURE PERMETTANT D'EVALUER L'ETAT D'UNE CHAMBRE DE CARBONISATION DE FOUR A COKE**
- (71) **THE KANSAI COKE AND CHEMICALS CO., LTD.** [JP/JP]; 23, Ohamacho 2-chome, Amagasaki-shi, Hyogo 660-0095 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **INAMASU, Hironobu** [JP/JP]; c/o Kakogawa Plant in The Kansai Coke and Chemicals Co., Ltd., 7, Kanazawacho, Kakogawa-shi, Hyogo 675-0137 (JP). **TAKAYAMA, Nobuki** [JP/JP]; c/o Kakogawa Plant in The Kansai Coke and Chemicals Co., Ltd., 7, Kanazawacho, Kakogawa-shi, Hyogo 675-0137 (JP). **YAMASHITA, Hirofumi** [JP/JP]; c/o Kakogawa Plant in The Kansai Coke and Chemicals Co., Ltd., 7, Kanazawacho, Kakogawa-shi, Hyogo 675-0137 (JP). **IWANAGA, Takayuki** [JP/JP]; c/o Kakogawa Plant in The Kansai Coke and Chemicals Co., Ltd., 7, Kanazawacho, Kakogawa-shi, Hyogo 675-0137 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT
- (for all designated States except / pour tous les États désignés sauf US)

- RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C10G
- (11) WO 2004/090072 (13) A2
- (21) PCT/US2004/009789
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) en (26) en
- (30) 10/407,290 4 Apr/avr 2003 US (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ANODE TAILGAS OXIDIZER
• OXYDANT DE GAZ RESIDUAIRE D'ANODE
- (71) TEXACO DEVELOPMENT CORPORATION [US/US]; 6001 Bollinger Canyon Road, 3rd Floor, San Ramon, CA 94583 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DESHPANDE, Vijay, A. [US/US]; 5313 Navarro, Houston, TX 77056 (US). KRAUSE, Curtis, L. [US/US]; 15802 Lakecliff Drive, Houston, TX 77095 (US). MARTIN, Paul, F. [CA/CA]; 239 Bogert Avenue, Toronto, Ontario M2N 1L2 (CA). NGUYEN, Kevin, H. [US/US]; 1623 Morning Dew Place, Missouri City, TX 77459 (US). STEVENS, James, F. [US/US]; 22111 Crossbrook Dr., Katy, TX 77450 (US). WHEAT, Williams, S. [US/US]; 3413 Crosby Landing, Missouri City, TX 77459 (US).
- (74) TURNER, Franck, C. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C10L
- (11) WO 2004/090074 (13) A2
- (21) PCT/US2004/009785
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) en (26) en
- (30) 10/407,312 4 Apr/avr 2003 US (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FUEL PROCESSING REACTOR WITH INTERNAL HEAT EXCHANGE FOR LOW PRESSURE GAS STREAM
• REACTEUR DE TRANSFORMATION DE COMBUSTIBLE AU MOYEN D'UN ECHANGE THERMIQUE INTERNE POUR FLUX DE GAZ A BASSE PRESSION
- (71) TEXACO DEVELOPMENT CORPORATION [US/US]; 6001 Bollinger Canyon Road, 3rd Floor, San Ramon, CA 94583 (US).
- (71, 72) STEVENS, James, F. [US/US]; 22111 Crossbrook Dr., Katy, TX 77450 (US). KRAUSE, Curtis, L. [US/US]; 15802 Lakecliff Drive, Houston, TX 77095 (US). MARTIN, Paul, F. [CA/CA]; 239 Bogert Avenue, Toronto, Ontario M2N 1L2 (CA). DESHPANDE, Vijay, A. [US/US]; 5313 Navarro, Houston, TX 77056 (US).
- (74) TURNER, Franck, C. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C10H 21/00, C07C 7/148, 11/24, B01J 19/24
- (11) WO 2004/090073 (13) A1
- (21) PCT/FR2004/050113
- (22) 17 Mar/mar 2004 (17.03.2004)
- (25) fr (26) fr
- (30) 0304194 4 Apr/avr 2003 FR (04.04.2003)
- (74) TURNER, Franck, C. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C10I
- (11) WO 2004/090075 (13) A2
- (21) PCT/US2004/009786
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) en (26) en
- (30) 10/408,080 4 Apr/avr 2003 US (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND APPARATUS FOR RAPID HEATING OF FUEL REFORMING REACTANTS
• PROCEDE ET APPAREIL DE CHAUFFAGE RAPIDE DE REACTIFS DE REFORMAGE DE COMBUSTIBLE
- (71) TEXACO DEVELOPMENT CORPORATION [US/US]; 6001 Bollinger Canyon Road, 3rd Floor, San Ramon, CA 94583 (US).
- (72, 75) NGUYEN, Kevin, H. [US/US]; 1623 Morning Dew Place, Missouri City, TX 77459 (US).
- (74) TURNER, Franck, C. et al. / etc.; Chevron-Texaco Corporation, Law Department, P.O. Box 6006, San Ramon, CA 94583-0806 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C10J
- (11) WO 2004/090076 (13) A2
- (21) PCT/US2004/009830
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) en (26) en
- (30) 10/407,488 4 Apr/avr 2003 US (04.04.2003)
- (74) TURNER, Franck, C. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ARCHITECTURAL HIERARCHY OF CONTROL FOR A FUEL PROCESSOR
• HIERARCHIE ARCHITECTURALE DE COMMANDE POUR UN CONVERTISSEUR DE COMBUSTIBLE
- (71) TEXACO DEVELOPMENT CORPORATION [US/US]; 6001 Bollinger Canyon Road, 3rd Floor, San Ramon, CA 94583 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) MIRKOVIC, Vesna, R. [YU/US]; 2201 Land Street, Pearland, TX 77584 (US). WHEAT, William, S. [US/US]; 3413 Crosby Landing, Missouri City, TX 77459 (US). TO, Hugh, N. [US/US]; 19614 Cottage Park Circle, Houston, TX 77094 (US). BENEDETTO, Dennis, J. [US/US]; 3518 Blue Cypress Drive, Spring, TX 77388 (US).
- (74) TURNER, Frank, C. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C10L 1/02, 1/04, 1/06, 1/08, C10G 2/00
- (11) WO 2004/090078 (13) A1
- (21) PCT/ZA2004/000041
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 60/462,580 11 Apr/avr 2003 US (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • LOW SULPHUR DIESEL FUEL AND AVIATION TURBINE FUEL
• CARBURANT DIESEL A FAIBLE TENEUR EN SOUFRE ET CARBUREACTEUR
- (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) LAMPRECHT, Delanie [ZA/ZA]; Greenacres 2 Wenning Street SW5, 1911 Vanderbijlpark (ZA). ROETS, Petrus, Nicolaas, Johannes [ZA/ZA]; 15 Rennert Street SW2, 1911 Vanderbijlpark (ZA).
- (74) HAHN H., H. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C10L
- (11) WO 2004/090077 (13) A2
- (21) PCT/US2004/009832
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) en (26) en
- (30) 10/408,001 4 Apr/avr 2003 US (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • AUTOTHERMAL REFORMING IN A FUEL PROCESSOR UTILIZING NON-PYROPHORIC SHIFT CATALYST
• REFORMAGE AUTOTHERMIQUE AU SEIN D'UN CONVERTISSEUR DE COMBUSTIBLE FAISANT APPEL A UN CATALYSEUR DE CONVERSION NON PYROPHORIQUE
- (71) TEXACO DEVELOPMENT CORPORATION [US/US]; 6001 Bollinger Canyon Road, 3rd Floor, San Ramon, CA 94583 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) WHEAT, William, S. [US/US]; 3413 Crosby Landing, Missouri City, TX 77459 (US). MIRKOVIC, Vesna, R. [YU/US]; 2201 Land St., Pearland, TX 77584 (US). NGUYEN, Kevin, H. [US/US]; 1623 Morning Dew Place, Missouri City, TX 77459 (US). KRAUSE, Curtis, L. [US/US]; 15802 Lakecliff Drive, Houston, TX 77095 (US). STEVENS, James, F. [US/US]; 22111 Crossbrook Drive, Katy, TX 77450 (US). CASEY, Daniel, G. [US/US]; 5614 Sycamore Creek, Kingwood, TX 77345 (US).
- (74) TURNER, Frank, C. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C10L 1/14, 10/00
- (11) WO 2004/090079 (13) A1
- (21) PCT/EP2004/003811
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) de (26) de
- (30) 103 16 871.0 11 Apr/avr 2003 DE (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FUEL COMPOSITION
• COMPOSITION DE CARBURANT
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHWAHN, Harald [DE/DE]; Schlosstrasse 68, 69168 Wiesloch (DE). POSSELT, Dietmar [DE/DE]; Zieglhäuser Landstr. 7, 69120 Heidelberg (DE). FEHR, Erich, K. [DE/DE]; Espenauer Strasse 59, 34246 Vellmar (DE).
- (74) REITSTÖTTER-KINZEBACH et al. / etc.; Sternwartstrasse 4, 81679 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C10L 1/32
- (11) WO 2004/090080 (13) A1
- (21) PCT/GB2003/001522
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) en (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FUEL EMULSION COMPOSITIONS
• COMPOSITIONS D'EMULSION DE COMBUSTIBLE
- (71) AQUAFUEL RESEARCH LIMITED [GB/GB]; 10/6 Innovation Buildings, The Sittingbourne Research Centre, Sittingbourne, Kent ME9 8HL (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DAY, Paul, Geoffrey [GB/GB]; 16 Mayville road, Broadstairs, Kent CT10 3ET (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

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RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C10M

(11) WO 2004/090081 (13) A2

(21) PCT/US2004/009757

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/458,591 31 Mar/mar 2003 US (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROTECTIVE LUBRICANT FORMULATION
• LUBRIFIANT PROTECTEUR

(71, 72) HAINES, Thomas, W. [US/US]; 4541 Cromwell Drive, Evansville, IN 47725 (US). KEIFER, George, O. [US/US]; 107 Lakeview Drive, Summerville, SC 29485 (US).

(74) PRICE, Gary, K.; Bowers Harrison, LLP, 25 N.W. Riverside Drive, P.O. Box 1287, Evansville, IN 47706-1287 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C10M 171/00, 169/04 // F16C 33/10, (C10M 169/04, 105:18, 105:32, 129:76, 133:04, 133:16, 145:26), C10N 20:00, 20:02, 30:00, 30:04, 30/06 // 40:02, 40:14

(11) WO 2004/090082 (13) A1

(21) PCT/JP2004/004852

(22) 2 Apr/avr 2004 (02.04.2004)

(25) ja (26) ja

(30) 2003-099652 2 Apr/avr 2003 JP (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONDUCTIVE LUBRICANT COMPOSITION
• COMPOSITION DE LUBRIFIANT CONDUCTEUR

(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) KAMIMURA, Hideto [JP/JP]; 24-4, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP). EGAWA, Tatsuya [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP).

(74) OHTANI, Tamotsu et al. / etc.; Ohtani Patent Office, Bridgestone Toranomon Bldg. 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C10M 175/00, F16N 39/06, B01D 39/20, B01J 20/20

(11) WO 2004/090083 (13) A1

(21) PCT/GB2004/001607

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 0308638.6 14 Apr/avr 2003 GB (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A FILTER FOR FILTERING MUTAGENS FROM AN ENGINE OIL
• FILTRE CONCU POUR FILTRER LES MUTAGÈNES CONTENUS DANS DE L'HUILE POUR MOTEUR

(71, 72) SELSDON, Leslie, Donald [GB/GB]; 41 Cumberland Court, Great Cumberland Place, Marble Arch, London W1H 7DQ (GB).

(74) JONES, Graham, Henry; Graham Jones & Company, 77 Beaconsfield Road, Blackheath, London SE3 7LG (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C11D 1/37, 1/83, 3/02, 3/20, 3/34, 3/37, 3/50, 3/18, 17/00

(11) WO 2004/090084 (13) A1

(21) PCT/US2004/010228

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/407,979 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LIGHT DUTY LIQUID CLEANING COMPOSITIONS
• COMPOSITIONS DE NETTOYAGE POUR LAVAGES DELICATS

(71) COLGATE-PALMOLIVE COMPANY [US/US]; 300 Park Avenue, New York, NY 10022 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DRAPIER, Julien [BE/BE]; 12 Avenue Des Puddleurs, B-4100 Seraing (BE).

(74) PARK, Ellen, K. et al. / etc.; Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ C11D 1/72, 3/30, B08B 3/04

(11) WO 2004/090085 (13) A1

(21) PCT/US2004/010666

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,060 3 Apr/avr 2003 US (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • VOC FREE COATINGS STRIPPERS
• DECAPANTS SANS COV

(71) VOCFREE, INC. [US/US]; 163 South Street, Hackensack, NJ 07601 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUGERMAN, Gerald [US/US]; 8 Cambridge Drive, Allendale, NJ 07401 (US). COSBY, James, V. [US/US]; Groton, CT (US).

(74) HSI, Jeffrey, D. et al. / etc.; Edwards & Angell, LLP, P.O. Box 55874, Boston, MA 02205 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

- SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 1/83, 1/86, 1/94, 3/20, 3/00, 3/34
(11) WO 2004/090086 (13) A2
(21) PCT/US2004/010225
(22) 2 Apr/avr 2004 (02.04.2004)
(25) en (26) en
- (30) 10/406,349 3 Apr/avr 2003 US
(03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • LIQUID CLEANING COMPOSITION
HAVING IMPROVED GREASE RE-
MOVAL PROPERTIES
• COMPOSITION DE NETTOYAGE
LIQUIDE PRESENTANT DES PRO-
PRIETES DE DEGRAISSAGE AME-
LIOREES
- (71) COLGATE-PALMOLIVE COMPANY
[US/US]; 300 Park Avenue, New York,
New York 10022 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) SZEWCZYK, Gregory [US/US]; 29
Aberdeen Circle, Flemington, New Jersey
08822 (US). GAMBOGI, Joan [US/US];
28 Matrick Court, Hillsborough, New Jersey
08844 (US).
- (74) PARK, Ellen, K. et al. / etc.; Colgate-Pal-
molive Company, 909 River Road, P.O. Box
1343, Piscataway, New Jersey 08855 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C12G 3/02
(11) WO 2004/090088 (13) A1
(21) PCT/KR2004/000253
(22) 10 Feb/fév 2004 (10.02.2004)
(25) ko (26) en
- (30) 10-2003-0021930 8 Apr/avr 2003 KR
(08.04.2003)
- (30) 10-2003-0096224 24 Dec/déc 2003 KR
(24.12.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FERMENTED WINE MADE FROM
FRUIT OF ARALIACEOUS SHRUBS,
AND METHOD FOR PRODUCING
THEREOF
• VIN FERMENTE TIRE DU FRUIT
D'ARALIACEES ET METHODE DE
FABRICATION
- (71) CHONG Son Gun [KR/KR]; 267,
Bongyang-ri, Jeongseon-eup, Jeongseon
233-804 (KR).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) CHOI, Dae-Sung [KR/KR]; 300-2,
3 Ban, Bongyang 4-ri, Jeongseon-eup,
Jeongseon 233-805 (KR).
- (74) KIM, Won-Joon; 305, Soohyub Bldg., 917,
Dunsan-dong, Seo-gu, Daejeon 302-828
(KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C12M 1/34, C12Q 1/18, 1/04
(11) WO 2004/090089 (13) A1
(21) PCT/GB2004/001517
(22) 8 Apr/avr 2004 (08.04.2004)
(25) en (26) en
- (30) 0308199.9 9 Apr/avr 2003 GB
(09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SYSTEM FOR RAPID MICROORGAN-
ISM IDENTIFICATION AND ANTIMI-
CROBIAL TESTING
• SYSTEME POUR UNE IDENTIFICA-
TION DE MICRO-ORGANISMES ET
UN TEST ANTIBACTERIEN RAPIDES
- (71) ACOLYTE BIOMEDICA LIMITED
[GB/GB]; Enterprise House, Cherry Orchard
Lane, Salisbury, Wiltshire SP2 7LD (GB).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) O'HARA, Stephen [GB/GB]; Acolyte
Biomedica Limited, Enterprise House,
Cherry Orchard Lane, Salisbury, Wilt-
shire SP2 7LD (GB). FORREST, Gordon
[GB/GB]; Acolyte Biomedica Limited, En-
terprise House, Cherry Orchard Lane,
Salisbury, Wiltshire SP2 7LD (GB). HAMMOND,
Richard [GB/GB]; Acolyte Biomedica Lim-
ited, Enterprise House, Cherry Orchard Lane,
Salisbury, Wiltshire SP2 7LD (GB).
- (74) MARSHALL, Cameron, John; Carpmaels
& Ransford, 43-45 Bloomsbury Square, Lon-
don WC1A 2RA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 13/16
(11) WO 2004/090087 (13) A1
(21) PCT/JP2004/004807
(22) 1 Apr/avr 2004 (01.04.2004)
(25) ja (26) ja
- (30) 2003/104582 8 Apr/avr 2003 JP
(08.04.2003)
- (30) 2003/104584 8 Apr/avr 2003 JP
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SOAP-MOLDING DIE
• MOULE A SAVON
- (71) KAO CORPORATION [JP/JP]; 14-10,
Nihonbashi Kayaba-cho, 1-chome, Chuo-ku,
Tokyo 103-8210 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) NAKANO, Takashi [JP/JP]; c/o Kao
Corporation, Research Laboratories, 2606,
Akabane, Ichikai-machi, Haga-gun, Tochigi
321-3497 (JP). KODAMA, Shinji [JP/JP];
c/o Kao Corporation, Research Laboratories,
2606, Akabane, Ichikai-machi, Haga-gun,
Tochigi 321-3497 (JP).
- (74) HATORI, Osamu et al. / etc.; Akasaka HKN
Bldg. 6F, 8-6, Akasaka 1-chome, Minato-ku,
Tokyo 107-0052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C12M 1/34, C12Q 1/18, 1/04
(11) WO 2004/090089 (13) A1
(21) PCT/GB2004/001517
(22) 8 Apr/avr 2004 (08.04.2004)
(25) en (26) en
- (30) 0308199.9 9 Apr/avr 2003 GB
(09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SYSTEM FOR RAPID MICROORGAN-
ISM IDENTIFICATION AND ANTIMI-
CROBIAL TESTING
• SYSTEME POUR UNE IDENTIFICA-
TION DE MICRO-ORGANISMES ET
UN TEST ANTIBACTERIEN RAPIDES
- (71) ACOLYTE BIOMEDICA LIMITED
[GB/GB]; Enterprise House, Cherry Orchard
Lane, Salisbury, Wiltshire SP2 7LD (GB).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) O'HARA, Stephen [GB/GB]; Acolyte
Biomedica Limited, Enterprise House,
Cherry Orchard Lane, Salisbury, Wilt-
shire SP2 7LD (GB). FORREST, Gordon
[GB/GB]; Acolyte Biomedica Limited, En-
terprise House, Cherry Orchard Lane,
Salisbury, Wiltshire SP2 7LD (GB). HAMMOND,
Richard [GB/GB]; Acolyte Biomedica Lim-
ited, Enterprise House, Cherry Orchard Lane,
Salisbury, Wiltshire SP2 7LD (GB).
- (74) MARSHALL, Cameron, John; Carpmaels
& Ransford, 43-45 Bloomsbury Square, Lon-
don WC1A 2RA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C12M 1/34
(11) WO 2004/090090 (13) A1
(21) PCT/JP2004/005088
(22) 8 Apr/avr 2004 (08.04.2004)
(25) ja (26) ja

- (30) 2003-105197 **9 Apr/avr 2003** JP
(09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • APPARATUS FOR DETECTING CELL CHEMOTAXIS
• APPAREIL DESTINE A DETECTER LE CHIMIOTACTISME DES CELLULES
- (71) EFFECTOR CELL INSTITUTE INC. [JP/JP]; 33-8, Komaba 1-chome, Meguro-ku, Tokyo 153-0041 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KANEGASAKI, Shiro [JP/JP]; 211, 2-3, Komaba 4-chome, Meguro-ku, Tokyo 153-0041 (JP).
- (74) NARUSE, Katsuo et al. / etc.; 5th Floor, TKK Nishishimbashi Bldg., 11-5, Nishi-shimbashi 2-chome, Minato-ku, Tokyo 105-0003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12M 3/00
- (11) WO 2004/090091 (13) A2
- (21) PCT/CH2004/000219
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) de (26) de
- (30) 665/03 **11 Apr/avr 2003** CH
(11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • BODY WITH A CULTURE SURFACE FOR IN-VITRO PROPAGATION OF CELLS
• CORPS PRESENTANT UNE SURFACE DE CULTURE POUR MULTIPLICATION CELLULAIRE <I>IN VITRO</I>
- (71) ARBOMEDICS GMBH [CH/CH]; c/o Müller, Werner, Wannenstrasse 6, CH-8542 Wiesendangen (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) QUINN, Thomas, M. [CA/CH]; Route de la Pantay 13, CH-1163 Etoy (CH). MAJD, Hicham [MA/CH]; 19, chemin de Rionza, CH-1020 Renes (CH). MÜLLER, Werner [CH/CH]; Wannenstrasse 6, CH-8542 Wiesendangen (CH).
- (74) FREI PATENTANWALTSBÜRO AG; Postfach 524, CH-8029 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL
- SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12M 3/00, C12N 5/00
- (11) WO 2004/090092 (13) A1
- (21) PCT/JP2004/004930
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) ja (26) ja
- (30) 2003-104877 **9 Apr/avr 2003** JP
(09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • INCUBATOR AND METHOD OF CELL CULTURING
• INCUBATEUR ET METHODE DE CULTURE CELLULAIRE ASSOCIEE
- (71, 72) YAMASHITA, Kikuji, [JP/JP]; 51-69, Aza Ryuo, Aihata, Ishii-cho, Myozai-gun Tokushima, 7793215 (JP). ISHIKAWA, Tomoyasu, [JP/JP]; 2-7-37, Sumiyoshi, Tokushima-shi Tokushima, 7700861 (JP).
- (74) YAMAUCHI, Yasunobu,; YAMAUCHI Patent Attorney Nihon Seimei-Takamatsu-Ekimae Bldg. 3F, 1-1-8, Kotobuki-cho Takamatsu-shi Kagawa, 7600023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (n)
Declaration / Déclaration :
(v) for all designations / pour toutes les désignations
-
- (51)⁷ C12M 3/00, H02J 9/00
- (11) WO 2004/090093 (13) A1
- (21) PCT/JP2004/005057
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) ja (26) ja
- (30) 2003-105316 **9 Apr/avr 2003** JP
(09.04.2003)
- (30) 2003-154735 **30 May/mai 2003** JP
(30.05.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CULTURE TREATING DEVICE AND AUTOMATIC CULTURE TREATING DEVICE
• DISPOSITIF DE TRAITEMENT DE CULTURE ET DISPOSITIF DE TRAITEMENT DE CULTURE AUTOMATIQUE
- (71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP). NAKAMURA, Kenji [JP/JP]; 5-19-10-419 Owada-machi, Hachioji-shi, Tokyo 192-0045 (JP).
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- (72, 75) HIBINO, Hiroki [JP/JP]; 767-88, Kamiichibukata-machi, Hachioji-shi, Tokyo 193-0811 (JP). FUKUDA, Hiroshi [JP/JP]; 2-29-1-802, Toyoda, Hino-shi, Tokyo 191-0053 (JP). NUMATA, Kiminobu [JP/JP]; 4-24-305, Owada-machi, Hachioji-shi, Tokyo 192-0045 (JP). MACHIDA, Hiroyuki [JP/JP]; 3-18-15-101, Minamino, Hachioji-shi, Tokyo 192-0916 (JP). KINOSHITA, Tomoyuki [JP/JP]; 1-206, 1-39-2 Kuboyama-cho, Hachioji-shi, Tokyo 192-0023 (JP).
- (74) UEDA, Kunio et al. / etc.; Mitsubishijuko Yokohama Bldg. 24F, 3-1, Minatomirai 3-chome, Nishi-ku, Yokohama-shi, Kanagawa 220-0012 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 2004/090094 (13) A2
- (21) PCT/EP2004/003655
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) de (26) de
- (30) 103 15 760.3 **7 Apr/avr 2003** DE
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • L-CARNITIN DEHYDROGENASES, THEIR DERIVATIVES AND METHOD FOR PRODUCING SUBSTITUTED (S) ALKANOLS
• L-CARNITINE DESHYDROGENASES, LEURS DERIVES ET PROCEDE DE PRODUCTION DE (S)-ALCANOLS SUBSTITUES
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ALTHÖFER, Henning [DE/DE]; Im Höhnhausen 26, 67157 Wachenheim (DE). KESSELER, Maria [DE/DE]; Max-Joseph-Str. 6, 68167 Mannheim (DE).
- (74) REITSTÖTTER, KINZEBACH & PARTNER (GBR); Sternwartstr. 4, 81679 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C12N

(11) WO 2004/090095 (13) A2

(21) PCT/US2004/010073

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,778 1 Apr/avr 2003 US
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • GENERATION OF HUMAN REGULATORY T CELLS BY BACTERIAL TOXINS FOR THE TREATMENT OF INFLAMMATORY DISORDERS

• GENERATION DE LYMPHOCYTES T REGULATEURS HUMAINS PAR DES TOXINES BACTERIENNES POUR TRAITER DES TROUBLES INFLAMMATOIRES

(71) UNIVERSITY OF SOUTHERN CALIFORNIA [US/US]; 3716 South Hope Street, Suite 313, Los Angeles, CA 90007-4344 (US).

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(72, 75) ZADEH, Homayoun, H. [US/US]; University of Southern California, 3716 South Hope Street, Suite 313, Los Angeles, CA 90007-4344 (US).

(74) SHUMAN, Barry, M. et al. / etc.; Hogan & Hartson L.L.P., Biltmore Tower, 500 South Grand Avenue, Suite 1900, Los Angeles, CA 90071 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 2004/090096 (13) A2

(21) PCT/US2004/010121

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,090 31 Mar/mar 2003 US
(31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHODS FOR NEURAL DIFFERENTIATION OF EMBRYONIC STEM

CELLS USING PROTEASE PASSAGING TECHNIQUES

• PROCEDES DE DIFFERENCIATION NEURONALE DE CELLULES SOUCHES EMBRYONNAIRES AU MOYEN DE TECHNIQUES DE PASSAGE DE PROTEASE

(71) BRESAGEN INC. [US/US]; 111 River Bend Road, Athens, Georgia 30605 (US). UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC. [US/US]; Boyd Graduate Studies Research Center, Athens, Georgia 30602-7411 (US).

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(74) WARREN, William, L. et al. / etc.; Sutherland Asbill & Brennan LLP, 999 Peachtree Street, NE, Atlanta, Georgia 30309-3996 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 2004/090097 (13) A2

(21) PCT/US2004/010200

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,340 3 Apr/avr 2003 US
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • POLYNUCLEOTIDE ENCODING A NOVEL HUMAN P2X7 SPLICE VARIANT, HBMYP2X7V

• POLYNUCLEOTIDE CODANT UN NOUVEAU VARIANT D'EPISSAGE P2X7 HUMAIN APPELE HBMYP2X7V

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; Route 206 and Province Line Road, P.O. Box 4000, Princeton, New Jersey 08543-4000 (US).

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(74) D'AMICO, Stephen, C. et al. / etc.; Bristol-Myers Squibb Company, Route 206 & Provinceline Road, P.O. Box 4000, Princeton, New Jersey 08543-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 60/459,786 1 Apr/avr 2003 US
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PHOSPHATASE REGULATION OF NUCLEIC ACID TRANSCRIPTION

• REGULATION DE LA TRANSCRIPTION D'ACIDE NUCLEIQUE IMPLIQUANT LA PHOSPHATASE

(63) US 60/459,786 (CIP)
1 Apr/avr 2003 (01.04.2003)

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street (US).

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(72, 75) GILL, Gordon, N. [US/US]; 2815 Sugerman Ct., LaJolla, CA 92037 (US). YEO, Michele [US/US]; 8861 Caminito Sueno, LaJolla, CA 92037 (US). LIN, Patrick, S. [US/US]; University of California, Davis, 1 Shields Ave., Davis, CA 95616 (US). DAHMUS, Michael, E. [US/US]; University of California, Davis, 1 Shields Ave., Davis, CA 95616 (US).

(74) REED, Michael; Fish & Richardson P.C., 12390 El Camino Real, San Diego, CA 92130 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 2004/090099 (13) A2

(21) PCT/US2004/010229

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,842 4 Apr/avr 2003 US
(04.04.2003)(30) 60/484,798 3 Jul/juil 2003 US
(03.07.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PECTATE LYASES, NUCLEIC ACIDS ENCODING THEM AND METHODS FOR MAKING AND USING THEM

• PECTATE LYASES, ACIDES NUCLEIQUES CODANT CES DERNIERES ET PROCEDES DE FABRICATION ET D'UTILISATION

(71) DIVERSA CORPORATION [US/US]; 4955 Directors Place, San Diego, CA (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KEROVUO, Janne [FI/US]; 5065 La Jolla Blvd. #2, San Diego, CA 92109 (US). SOLBAK, Arne [US/US]; 7676 Acama Place, San Diego, CA 92126 (US). GRAY, Kevin [US/US]; 12119 Eleonore Court, San Diego, CA 92131 (US). MCCANN, Ryan [US/US]; 1621 La Playa Avenue #9, San Diego, CA 92109 (US). PUROHIT, Shalaka [IN/US]; 8786 Park Run Road, San Diego, CA 92129 (US). GERENDASH, Joel [US/US]; 4946 63rd Street, San Diego, CA 92121 (US). JANSSEN, Giselle [US/US]; 10 Arch Lane, San Carlos, CA 94070 (US). DAHOD, Samun [US/US]; 4651 Torrey Circle K203, San Diego, CA 92130 (US).

(74) LINKOWSKI, Lynn, M.; Diversa Corporation, P.O. Box 910550, San Diego, CA 92191-0550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 2004/090100 (13) A2

(21) PCT/US2004/010303

(22) 3 Apr/avr 2004 (03.04.2004)

(25) en (26) en

(30) 60/460,479 4 Apr/avr 2003 US
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • VISUALIZING EXPRESSION DATA ON CHROMOSOMAL GRAPHIC SCHEMES

• VISUALISATION DE DONNEES D'EXPRESSION SUR DES SCHEMAS GRAPHIQUES CHROMOSOMIQUES

(71) AGILENT TECHNOLOGIES, INC. [US/US]; 395 Page Mill Road, Palo Alto, CA 94306-2024 (US).

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(72, 75) YAKHINI, Zohar, H. [IL/IL]; Simtat Hashazif 3, 30900 Zikhron Ya'acov (IL). KINCAID, Robert [US/US]; 519 Spindrift Way, Half Moon Bay, CA 94019 (US). BEN-DOR, Amir [IL/US]; 12741 NE 39th Street, Bellevue, WA 98005 (US). LEONARD, Leslie, A. [US/US]; 77 Linaria Way, Portola Valley, CA 94028 (US). SAMPAS, Nick [US/US]; 1418 Cherry Avenue, San Jose, CA 95125 (US).

(74) BECK, Mike; Agilent Technologies, Inc., Legal Department, DL429, Intellectual Property Administration, P.O. Box 7599, Loveland, CO 80537-0599 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 2004/090101 (13) A2

(21) PCT/US2004/010312

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,932 1 Apr/avr 2003 US
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • EPOXIDE HYDROLASES, NUCLEIC ACIDS ENCODING THEM AND METHODS FOR MAKING AND USING THEM

• EPOXYDE HYDROLASES, ACIDES NUCLEIQUES LES CODANT ET PROCEDES DE PRODUCTION ET D'UTILISATION CORRESPONDANTS

(71) DIVERSA CORPORATION [US/US]; 4955 Directors Place, San Diego, CA 92121 (US).

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(72, 75) ZHAO, Lishan [CN/US]; 6564 Red Knot Street, Carlsbad, CA 92009 (US). HAN, Bin [CA/US]; 4329 Corte De Sausalito, San Diego, CA 92130 (US). WEINER, David [GB/US]; 13416 Portofino Drive, Del Mar, CA 92014 (US).

(74) EINHORN, Gregory, P. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 2004/090102 (13) A2

(21) PCT/US2004/010315

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,474 4 Apr/avr 2003 US
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PRION PROTEIN BINDING MATERIALS AND METHODS OF USE

• MATERIAUX DE LIAISON A LA PROTEINE PRION ET PROCEDES D'UTILISATION

(71) AMERICAN RED CROSS [US/US]; 15601 Crabbs Branch Way, Rockville, MD 20855 (US). PROMETIC BIOSCIENCES, LTD. [GB/GB]; 211 Cambridge Science Park, Milton Road, Cambridge Cambridgeshire CB4 0ZA (GB). NORTH CAROLINA STATE UNIVERSITY [US/US]; 2401 Research Drive, Suite 1122, Raleigh, North Carolina 27695-8218 (US).

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(71, 72) BURTON, Steven, J. [GB/GB]; 23 Harlton Road, Little Eversden Cambridgeshire CB3 7HB (GB).

(72, 75) HAMMOND, David, J. [GB/US]; 4916 Ripplemead Court, Laytonsville, Maryland 20882 (US). CARBONELL, Ruben, G. [US/US]; 6105 Godfrey Drive, Raleigh, North Carolina 27612 (US). SHEN, Honglue [CN/US]; 2616 Alder Ridge Lane, Raleigh, North Carolina 27603 (US). GURGEL, Patrick, V. [BR/US]; 3133 Aileen Drive, Raleigh, North Carolina 27606 (US). WILTSHIRE-LYERLY, Viterose [US/US]; 4716 Marathon Lane, Raleigh, North Carolina 27616 (US).

(74) PRATT, John, S. et al. / etc.; KILPATRICK STOCKTON LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 2004/090103 (13) A2

(21) PCT/US2004/010328

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,849 4 Apr/avr 2003 US
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • IDENTIFICATION OF NOVEL
NOGO-RECEPTORS AND METHODS
RELATED THERETO• IDENTIFICATION DE NOUVEAUX
NOGO-RECEPTEURS ET PROCEDES
ASSOCIES(71) UNIVERSITY OF ROCHESTER
[US/US]; 601 Elmwood Avenue, Box 706,
Rochester, NY 14642 (US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) GIGER, Roman, J. [US/US]; 40 Holly-
vale Drive, Rochester, NY 14618 (US).(74) MCKEON, Tina, Williams et al. / etc.; Nee-
dle & Rosenberg, P.C., 999 Peachtree Street,
Suite 1000, Atlanta, GA 30309-3915 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VV
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ C12N

(11) WO 2004/090104 (13) A2

(21) PCT/US2004/010341

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/459,897 2 Apr/avr 2003 US
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DETECTING GENE EXPRESSION IN
LIVE CELLS USING SHORT-LIVED
REPORTERS WITH ENZYMATIC AM-
PLIFICATION• DETECTION DE L'EXPRESSION DE
GENES DANS DES CELLULES VI-
VANTES A L'AIDE DE REPORTERS
A VIE COURTE A AMPLIFICATION
ENZYMATIQUE(71) PRESIDENT AND FELLOWS OF HAR-
VARD COLLEGE [US/US]; Holyoke Cen-
ter, Suite 727, 1350 Massachusetts Avenue,
Cambridge, Massachusetts 02138-5701 (US).
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ogy Transfer, University of California, Office
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Floor, Oakland, California 94607-5200 (US).
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les États désignés sauf US)*(72, 75) XIE, X., Sunney [US/US]; Harvard Uni-
versity, Office for Technology and Trademark
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02138 (US). XIAO, Jie [US/US]; Harvard
University, Office for Technology and Trade-
mark Licensing, Holyoke Center, Suite 727,
1350 Massachusetts Avenue, Cambridge, MA
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and Trademark Licensing, Holyoke Cen-
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MA 02138 (US).(74) GAUDET, Stephen, J. et al. / etc.; Perkins
Smith & Cohen LLP, One Beacon Street, 30th
Floor, Boston, MA 02108-3106 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VV
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ C12N

(11) WO 2004/090105 (13) A2

(21) PCT/US2004/010343

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/406,908 2 Apr/avr 2003 US
(02.04.2003)(30) 10/613,077 1 Jul/juil 2003 US
(01.07.2003)(30) 60/542,668 6 Feb/fév 2004 US
(06.02.2004)(30) 60/542,646 6 Feb/fév 2004 US
(06.02.2004)(30) 60/543,640 10 Feb/fév 2004 US
(10.02.2004)(30) 60/543,661 10 Feb/fév 2004 US
(10.02.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MODIFIED POLYNUCLEOTIDES FOR
USE IN RNA INTERFERENCE• POLYNUCLEOTIDES MODIFIES UTI-
LISABLES POUR L'INTERFERENCE
ARN(71) DHARMAON, INC. [US/US]; 2650 Cres-
cent Drive, Suite 100, Lafayette, CO 80026
(US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) LEAKE, Devin [US/US]; 3050 S.
Krameria Street, Denver, CO 80222 (US).REYNOLDS, Angela [US/US]; 11445
Conifer Ridge Drive, Conifer, CO 80433
(US). KHVOROVA, Angela [RU/US];
4550 Squires Circle, Boulder, CO 80305
(US). MARSHALL, William [US/US]; 495
Mohawk Drive, Boulder, CO 80303 (US).
FEDEROV, Yuriy [RU/US]; 2405 Andrew
Drive, Superior, CO 80027 (US). NICHOLS,
Kimberly [US/US]; 751 St. Andrews Lane,
Louisville, CO 80027 (US).(74) KALOW, David, A. et al. / etc.; Kalow &
Springut LLP, 19th floor, 488 Madison Av-
enue, New York, NY 10022 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VV
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ C12N

(11) WO 2004/090106 (13) A2

(21) PCT/US2004/010345

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/460,843 4 Apr/avr 2003 US
(04.04.2003)(30) 60/552,526 12 Mar/mar 2004 US
(12.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CRYSTAL STRUCTURES OF HUMAN
PIM-1 KINASE PROTEIN COMPLEXES
AND BINDING POCKETS THEREOF,
AND USES THEREOF IN DRUG DE-
SIGN• STRUCTURES CRISTALLINES DE
COMPLEXES PROTEIQUES HU-
MAINS DE LA PIM-1 KINASE ET
POCHES DE LIAISON DE CES STRUC-
TURES, ET LEURS UTILISATIONS
DANS LA CONCEPTION DE MEDICA-
MENTS(71) VERTEX PHARMACEUTICALS IN-
CORPORATED [US/US]; 130 Waverly
Street, Cambridge, MA 02139-4242 (US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) JACOBS, Marc, L. [US/US]; 72 Sheri-
dan Street, Jamaica Plain, MA 02130 (US).
HARE, Brian [US/US]; 885 Massachusetts
Avenue, #12A, Cambridge, MA 02139 (US).
SWENSON, Lovorka [CA/US]; 5 Davis
Road, Belmont, MA 02478 (US).(74) HALEY, James, F., Jr.; c/o Fish & Neave,
1251 Avenue of the Americas, New York, NY
10020 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C12N

- (11) WO 2004/090107 (13) A2
 (21) PCT/US2004/010398
 (22) 3 Apr/avr 2004 (03.04.2004)
 (25) en (26) en
 (30) 60/460,455 4 Apr/avr 2003 US (04.04.2003)
 (30) 10/816,081 1 Apr/avr 2004 US (01.04.2004)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • ENDOSOMOLYTIC POLYMERS
 • POLYMERES ENDOSOMOLYTIQUES
 (71) MIRUS CORPORATION [US/US]; 505 S. Rosa Rd., Madison, WI 53719 (US).
 (72) ROZEMA, David, B.; 5731 Pembroke Drive, Madison, WI 53711 (US). WAKEFIELD, Darren; 2790 Lyman Lane, Fitchburg, WI 53711 (US). WOLFF, Jon, A.; 1122 University Bay Drive, Madison, WI 53705 (US). HAGSTROM, James, E.; 4700 Bergamot Way, Middleton, WI 53562 (US). TRUBETSKOY, Vladimir; 7435 Hunters Court, Middleton, WI 53562 (US). BUDKER, Vladimir, G.; 5141 Sunrise Ridge Tr., Middleton, WI 53562 (US). MONAHAN, Sean, D.; 5610 Tolman Terrace, Madison, WI 53711 (US). SLATTUM, Paul, M.; 4306 Keting Terrace, Madison, WI 53711 (US). LOOMIS, Aaron, G.; 794 Water Street, Prairie du Sac, WI 53578 (US).
 (74) JOHNSON, Mark; Mirus Corporation, 505 S. Rosa Rd., Madison, WI 53719 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

- (11) WO 2004/090108 (13) A2
 (21) PCT/US2004/010586
 (22) 5 Apr/avr 2004 (05.04.2004)
 (25) en (26) en
 (30) 60/460,783 3 Apr/avr 2003 US (03.04.2003)
 (30) 60/462,894 14 Apr/avr 2003 US (14.04.2003)
 (30) 60/463,772 17 Apr/avr 2003 US (17.04.2003)
 (30) 60/465,665 25 Apr/avr 2003 US (25.04.2003)
 (30) 60/465,802 25 Apr/avr 2003 US (25.04.2003)
 (30) 60/469,612 9 May/mai 2003 US (09.05.2003)
 (30) 60/493,986 8 Aug/août 2003 US (08.08.2003)
 (30) 60/494,597 11 Aug/août 2003 US (11.08.2003)
 (30) 60/503,414 15 Sep/sep 2003 US (15.09.2003)
 (30) 60/506,341 26 Sep/sep 2003 US (26.09.2003)
 (30) 60/510,246 9 Oct/oct 2003 US (09.10.2003)
 (30) 60/510,318 10 Oct/oct 2003 US (10.10.2003)
 (30) 60/518,453 7 Nov/nov 2003 US (07.11.2003)
 (30) PCT/US04/07070 8 Mar/mar 2004 US (08.03.2004)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • IRNA CONJUGATES
 • CONJUGUES D'ARNI
 (71) ALNYLAM PHARMACEUTICALS [US/US]; 790 Memorial Drive, Suite 202, Cambridge, MA 02139 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) MANOHARAN, Muthiah [US/US]; 25 Circle Drive, Weston, MA 02493 (US).
 (74) MYERS, Louis; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

- (11) WO 2004/090109 (13) A2
 (21) PCT/US2004/009810
 (22) 31 Mar/mar 2004 (31.03.2004)
 (25) en (26) en
 (30) 60/459,361 31 Mar/mar 2003 US (31.03.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • CCN3 COMPOSITIONS AND METHODS
 • COMPOSITIONS DE LA CCN3 ET PROCEDES ASSOCIES
 (71) MUNIN CORPORATION [US/US]; P.O. Box 3067, Oak Park, IL 60303-3067 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) LAU, Lester, F. [US/US]; 2677 N. Orchard Street, Chicago, IL 60614 (US).
 (74) CLOUGH, David, W. et al. / etc.; Howrey Simon Arnold & White, LLP, Box 34, 1299 Pennsylvania Avenue, N.W., Washington, D.C. 2004-2402 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C12N
 (11) WO 2004/090110 (13) A2
 (21) PCT/US2004/009817
 (22) 31 Mar/mar 2004 (31.03.2004)
 (25) en (26) en
 (30) 60/459,129 31 Mar/mar 2003 US (31.03.2003)
 (30) 60/516,582 31 Oct/oct 2003 US (31.10.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • COMPOSITIONS AND METHODS FOR THE CONTROL, DIFFERENTIATION AND/OR MANIPULATION OF PLURIPOTENT CELLS THROUGH A

- GAMMA-SECRETASE SIGNALING PATHWAY
- COMPOSITIONS ET PROCÉDES POUR LA REGULATION, LA DIFFERENCIATION ET/OU LA MANIPULATION DE CELLULES MULTIPOTENTES PAR L'INTERMEDIAIRE D'UNE VOIE DE SIGNALISATION DE GAMMA-SECRETASE
- (71) **BRESAGEN INC.** [US/US]; 111 River Bend Road, Athens, Georgia 30605 (US). **UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.** [US/US]; Boyd Graduate Studies Research Center, Athens, Georgia 30602-7411 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CONDIE, Brian** [US/US]; 110 Woodlake Drive, Unit 18, Athens, Georgia 30606 (US). **NOGGLE, Scott, Allen** [US/US]; 520 West 112st, Apt. 15B, New York, New York 10025 (US). **ROBINS, Allan** [AU/US]; 1050 Coday Bluff, Athens, Georgia 30606 (US).
- (74) **WARREN, William, L.** et al. / etc.; Sutherland Asbill & Brennan LLP, 999 Peachtree Street, NE, Atlanta, Georgia 30309-3996 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 2004/090111** (13) A2
- (21) PCT/US2004/009821
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) en (26) en
- (30) 60/459,199 **31 Mar/mar 2003 US (31.03.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • APPARATUS AND METHOD FOR HARVESTING BONE MARROW
• APPAREIL ET PROCÉDE DE CULTURE DE MOELLE OSSEUSE
- (71) **THE CLEVELAND CLINIC FOUNDATION** [US/US]; 9500 Euclid Avenue, Cleveland, OH 44195 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **MUSCHLER, George, F.**; 2270 Chatfield Drive, Cleveland Heights, OH 44106 (US).
- (74) **WESORICK, Richard, A.**; Tarolli, Sundheim, Covell & Tummino L.L.P., 526 Superior Avenue, Suite 1111, Cleveland, OH 44114 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 2004/090113** (13) A2
- (21) PCT/US2004/009951
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) en (26) en
- (30) 60/459,221 **31 Mar/mar 2003 US (31.03.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • L53, A LUNG CANCER ASSOCIATED ANTIGEN AND USES THEREOF
• L53, ANTIGÈNE ASSOCIÉ AU CANCER DU POUMON ET SES UTILISATIONS
- (71) **SEATTLE GENETICS, INC.** [US/US]; 21823 30th Drive, S.E., Bothwell, WA 98021 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PETROZZIELLO, Joseph, M.** [US/US]; 6700 NE 182nd Street, Apt. A307, Kenmore, WA 98028 (US). **MCDONAGH, Charlotte, F.** [GB/US]; 8018 28th Avenue NW, Seattle, WA 98117 (US).
- (74) **JACKSON, David, A.**; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 2004/090114** (13) A2
- (21) PCT/US2004/009955
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) en (26) en
- (30) 10/404,023 **31 Mar/mar 2003 US (31.03.2003)**
- (30) 10/420,345 **22 Apr/avr 2003 US (22.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COMPOSITIONS AND METHODS OF USING A SYNTHETIC DNASE I
• COMPOSITIONS ET PROCÉDES POUR UTILISER UNE DNASE I DE SYNTHÈSE
- (71) **AMBION, INC.** [US/US]; 2130 Woodward Street, Austin, TX 78744-1832 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LATHAM, Gary** [US/US]; 10904 Mint Julep Drive, Austin, TX 78748 (US). **KEMPAINEN, Jon** [US/US]; 1108 St. Augustine Drive, Austin, TX 78733 (US).
- (74) **FLORES, Edwin**; Chalker Flores, LLP, 12700 Park Central Drive, Suite 455, Dallas, TX 75251 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C12N

(11) WO 2004/090115 (13) A2

(21) PCT/US2004/009985

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/460,432 4 Apr/avr 2003 US
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • RENILLA GFP MUTANTS WITH IN-
CREASED FLUORESCENT INTEN-
SITY AND SPECIAL SHIFT

- MUTANTS DE PROTEINES VERTES
FLUORESCENTES DERIVES DE RA-
NILLA A INTENSITE DE FLUORES-
CENCE AMELIOREE ET MUTANTS A
REMANIEMENT SPECIAL

(71) STRATAGENE [US/US]; 11011 North Tor-
rey Pines Road, La Jolla, CA 92037 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GURTU, Vanessa, E. [US/US]; 13159
Kellam Court, #62, San Diego, CA 92130
(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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C12N 1/18, A21D 8/04

(11) WO 2004/090116 (13) A1

(21) PCT/EP2004/003890

(22) 13 Apr/avr 2004 (13.04.2004)

(25) fr (26) fr

(30) 03008349,7 10 Apr/avr 2003 EP
(10.04.2003)

(30) 03029589,3 23 Dec/déc 2003 EP
(23.12.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • YEAST PACKAGING

- CONDITIONNEMENT DE LEVURE

(71) LESAFFRE ET COMPAGNIE [FR/FR];
41, rue Etienne Marcel, F-75001 Paris (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(71) ALGIST BRUGGEMANN N.V.
[BE/BE]; Langerbruggekaai 37, B-9000
Gent (BE).

(only for / seulement pour BE LU NL)

(72, 75) SMET, Peter, René, Anna [BE/BE];
Guido Gezellelaan 72, B-9100 Sint-Niklaas
(BE). BLOMME, Karel, Alfons, Frans
[BE/BE]; Veeweg 74, B-9940 Evergem
(BE). VAN EETVELDE, Gabriel, Petrus
[BE/BE]; Velodroomstraat 30, B-9940 Ev-
ergem (BE).

(74) DE VLEESCHAUWER, Natalie, Y., L.,
D.; Lesaffre International, 147, rue Gabriel
Péri, BP 6027, F-59706 Marcq en Baroeul
cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(t) for the following designation / pour la
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(51)⁷ C12N 1/19, C12P 21/02, C12N 15/00

(11) WO 2004/090117 (13) A1

(21) PCT/JP2004/005162

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ja (26) ja

(30) 2003-106262 10 Apr/avr 2003 JP
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • YEAST HOST, TRANSFORMANT AND
PROCESS FOR PRODUCING FOREIGN
PROTEIN

- HOTE DE LEVURE, TRANSFOR-
MANT ET PROCEDE DE PRODUC-
TION D'UNE PROTEINE ETRANGERE

(71) ASAHI GLASS COMPANY, LIMITED
[JP/JP]; 12-1, Yurakucho 1-chome, Chiy-
oda-ku, Tokyo 100-8405 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SAKURAI, Masao [JP/JP]; c/o Asahi
Glass Company, Limited, 1150, Hazawa-cho,
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221-8755 (JP). THODA, Hideki [JP/JP];
c/o Asahi Glass Company, Limited, 1150,
Hazawa-cho, Kanagawa-ku, Yokohama-shi,
Kanagawa 221-8755 (JP). HAMA, Yuko
[JP/JP]; c/o Asahi Glass Company, Limited,
1150, Hazawa-cho, Kanagawa-ku, Yoko-
hama-shi, Kanagawa 221-8755 (JP).

(74) SENMYO, Kenji et al. / etc.; Torimoto Ko-
gyo Bldg., 38, Kanda-Higashimatsushitacho,
Chiyoda-ku, Tokyo 101-0042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C12N 1/20, A61P 3/06

(11) WO 2004/090118 (13) A1

(21) PCT/CN2003/000485

(22) 23 Jun/juin 2003 (23.06.2003)

(25) zh (26) zh

(30) 03116377,7 11 Apr/avr 2003 CN
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • LACTOBACILLUS PLANTARUM
STRAIN ST-III AND ITS USE IN AD-
JUSTING BLOOD FAT

- SOUCHE ST-III DE LACTOBACILLUS
PLANTARUM ET SON UTILISATION
POUR LA REGULATION DE LA LIPI-
DEMIE

(71) SHANGHAI BRIGHT DAIRY & FOOD
CO., LTD. [CN/CN]; 578 Wuhhong Road,
201103 Shanghai (CN).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JIANG, Nengqun [CN/CN]; 578
Wuzhong Road, 201103 Shanghai (CN).

(74) SHANGHAI ZHI XIN PATENT AGENT
LTD.; 10F, Italy Building, 446 Zhao Jia Bang
Road, 200031 Shanghai (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C12N 5/00, 5/06, 15/00

(11) WO 2004/090119 (13) A1

(21) PCT/CN2004/000318

(22) 7 Apr/avr 2004 (07.04.2004)

(25) zh (26) zh

(30) 03113135,2 8 Apr/avr 2003 CN
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • A METHOD OF PRODUCING NU-
CLEAR TRANSFER EMBRYONIC

STEM CELL BY SOMATIC CELL NUCLEAR TRANSPLANTATION TECHNIQUE

- PROCEDE DE PRODUCTION DE CELLULES SOUCHES EMBRYONNAIRES AU MOYEN D'UNE TECHNIQUE DE TRANSFERT DE NOYAU DE CELLULE SOMATIQUE

(71) SOUTHEAST UNIVERSITY [CN/CN]; No. 2 Sipailou, Nanjin, Jiangsu 210096 (CN). POLIFARMA(NANJINGO)CO., LTD [CN/CN]; 28 Wulong Mountain Road, Nanjing., Jiangsu 210038 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAO, Xi [CN/CN]; No. 2 Sipailou, Nanjing., Jiangsu 210096 (CN). MO, Yingru [CN/CN]; 28 Wulong Mountain Road, Nanjing., Jiangsu 210038 (CN). PU, Yuepu [CN/CN]; No. 2 Sipailou, Nanjing., Jiangsu 210096 (CN). HUANG, Jinglong; 28 Wulong Mountain Road, Nanjing., Jiangsu 210038

(74) NANJING JINGWEI PATENT & TRADEMARK AGENCY CO., LTD.; No. 6 Yangtse River Rear Street, Nanjing, Jiangsu 210018 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (i) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ C12N 5/06, 9/64, A61K 38/48

(11) WO 2004/090120 (13) A2

(21) PCT/IL2004/000314

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 155302 8 Apr/avr 2003 IL (08.04.2003)

(30) 159306 10 Dec/déc 2003 IL (10.12.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • STEM CELLS HAVING INCREASED SENSITIVITY TO A CHEMOATTRACTANT AND METHODS OF GENERATING AND USING SAME

- CELLULES SOUCHES PRESENTANT UNE SENSIBILITE ACCRUE A UN CHIMIOATTRACTEUR, ET LEURS PROCEDES D'OBTENTION ET D'UTILISATION

(71) YEDA RESEARCH AND DEVELOPMENT CO. LTD [IL/IL]; Weizmann Institute of Science, P.O.Box 95 (IL).

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(72, 75) KOLLET, Orit [IL/IL]; 14 Ramat Chen St., 52232 Ramat Gan (IL). LAPIDOT, Tsvee [IL/IL]; 6 Boxer St., 74046 Ness Ziona (IL).

(74) EINAV, Henry; Inter-Lab Ltd., Science Based Industrial Park, Kiryat Weizmann, 76110 Ness Ziona (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 5/06, C07K 14/00, A61K 38/19

(11) WO 2004/090121 (13) A2

(21) PCT/IL2004/000315

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 155303 8 Apr/avr 2003 IL (08.04.2003)

(30) 159307 10 Dec/déc 2003 IL (10.12.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • STEM CELLS HAVING INCREASED SENSITIVITY TO A CHEMOATTRACTANT AND METHODS OF GENERATING AND USING SAME

- CELLULES SOUCHES PRESENTANT UNE SENSIBILITE ACCRUE A UN AGENT CHIMIO-ATTRACTIF, METHODES DE PRODUCTION ET D'UTILISATION ASSOCIEES

(71) YEDA RESEARCH AND DEVELOPMENT CO. LTD [IL/IL]; Weizmann Institute of Science, P.O.Box 95, Israel, 76100 Rehovot (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOLLET, Orit [IL/IL]; 14 Ramat Chen St., 52232 Ramat Gan (IL). LAPIDOT, Tsvee [IL/IL]; 6 Boxer St., 74046 Ness Ziona (IL).

(74) EINAV, Henry; Inter-Lab Ltd., Science Based Industrial Park, Kiryat Weizmann, 76110 Ness Ziona (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 5/06, 15/12, C12Q 1/02, C12N 5/10

(11) WO 2004/090122 (13) A1

(21) PCT/JP2004/004788

(22) 1 Apr/avr 2004 (01.04.2004)

(25) ja (26) ja

(30) 2003-098516 1 Apr/avr 2003 JP (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TONGUE EPITHELIUM-ORIGIN CELL LINE KT-1 AND USE THEREOF

- LIGNEE CELLULAIRE KT-1 DE L'EPITHELIUM DE LA LANGUE, ET SON UTILISATION

(71) NATIONAL FOOD RESEARCH INSTITUTE [JP/JP]; 1-12, Kannondai 2-chome, Tsukuba-shi, Ibaraki 3058642 (JP). NATIONAL AGRICULTURE AND BIO-ORIENTED RESEARCH ORGANIZATION [JP/JP]; 3-1-1, Kannondai, Tsukuba-shi, Ibaraki 3050856 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OOKURA, Tetsuya [JP/JP]; 211-303, 10-1, Namiki 2-chome, Tsukuba-shi, Ibaraki 3050044 (JP). KAWAMOTO, Keiko [JP/JP]; 1-A, Prior K, 14-46, Nishi 24-jo Minami 2-chome, Obihiro-shi, Hokkaido 0802474 (JP). HINO, Akihiro [JP/JP]; 601-306, 6-1, Azuma 1-chome, Tsukuba-shi, Ibaraki 3050031 (JP).

(74) KUMAKURA, Yoshio et al. / etc.; NAKAMURA & PARTNERS, Shin-Tokyo Bldg. 3-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1008355 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N 9/00
 (11) WO 2004/090123 (13) A2
 (21) PCT/EP2004/003628
 (22) 6 Apr/avr 2004 (06.04.2004)
 (25) de (26) de
 (30) 103 16 267.4 8 Apr/avr 2003 DE (08.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • Δ-4 DESATURASES FROM EUGLENA GRACILIS, EXPRESSING PLANTS, AND OILS CONTAINING PUFA
 • PLANTES EXPRIMANT DES ?-4-DESATURASES PROVENANT D'EUGLENA GRACILIS ET HUILES CONTENANT DES ACIDES GRAS POLYINSATURES (PUFA)
- (71) BASF PLANT SCIENCE GMBH [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CIRPUS, Petra [DE/DE]; Landteilst. 12, 68163 Mannheim (DE). BAUER, Jörg [DE/DE]; Friedrich-Profit-Str. 56, 67063 Ludwigshafen (DE). MEYER, Astrid [DE/DE]; Jessebstrasse 14, 22767 Hamburg (DE). HEINZ, Ernst [DE/DE]; Püttkampsweg 13, 22609 Hamburg (DE). ZÄHRINGER, Ulrich [DE/DE]; Theodor-Storm-Str. 34A, 22926 Ahrensburg (DE).
- (74) MECHNICH, Oliver; BASF Aktiengesellschaft, 67056 Ludwigshafen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 9/00
 (11) WO 2004/090125 (13) A2
 (21) PCT/JP2004/004968
 (22) 6 Apr/avr 2004 (06.04.2004)
 (25) en (26) en
 (30) 2003109477 7 Apr/avr 2003 RU (07.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR PRODUCING L-AMINO ACID USING BACTERIUM HAVING ENHANCED EXPRESSION OF PCKA GENE
 • PROCEDE DE PRODUCTION DE L-ACIDES AMINES A PARTIR D'UNE BACTERIE PRESENTANT UNE EXPRESSION AMELIOREE DU GENE PCKA
- (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) GULEVICH, Andrey, Yurievich [RU/RU]; #54, Tsymlyanskaya ul., 28, Moscow, 109559 (RU). BIRYUKOVA, Irina, Vladimirovna [RU/RU]; #123, ul. Sevanskaya, 58, Moscow, 115516 (RU). ZIMENKOV, Danila, Vadimovich [RU/RU]; #32, Srednyaya Pervomayskaya ul., 21, Moscow, 105077 (RU). SKOROKHODOVA, Aleksandra, Yurievich [RU/RU]; Bldg. 1, #123, 29, Kavkazskiy bulvar, Moscow, 115304 (RU). KIVERO, Aleksandr, Dmitrievich [RU/RU]; Bldg. 2, #217, Lipetskaya ul., 10, Moscow, 115404 (RU). BELAREVA, Alla, Valentinovna [RU/RU]; #159, ul. Novopeschanaya, 17/7, Moscow, 125252 (RU). MASHKO, Sergei, Vladimirovich [RU/RU]; #16, Nishnyaya Pervomaiskaya ul., 5, Moscow, 105043 (RU).
- (74) KAWAGUCHI, Yoshiyuki et al. / etc.; Acropolis 21 Building 6th floor 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo, 1030004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N 9/00
 (11) WO 2004/090126 (13) A2
 (21) PCT/US2004/009878
 (22) 30 Mar/mar 2004 (30.03.2004)
 (25) en (26) en
 (30) 60/459,603 3 Apr/avr 2003 US (03.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PHOSPHODIESTERASE 10A7 ISOFORMS AND METHODS OF USE
 • ISOFORMES DE LA PHOSPHODIESTERASE 10A7 ET LEURS METHODES D'UTILISATION
- (71) MEMORY PHARMACEUTICALS CORPORATION [US/US]; 100 Philips Parkway, Montvale, NJ 07645 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WANG, Daguang [US/US]; 109 Nottingham Court, Montvale, NJ 07645 (US). BUGAJ-GAWEDA, Bozena [US/US]; 3635 Johnson Avenue, Apt. #2K, Riverdale, NY 10463 (US).
- (74) LBOVITZ, Richard, M. et al. / etc.; Millen, White, Zelano & Branigan, P.C., Arlington Courthouse Plaza 1, Suite 1400, 2200 Clarendon Boulevard, Arlington, VA 22201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 9/00
 (11) WO 2004/090124 (13) A2
 (21) PCT/EP2004/003844
 (22) 13 Apr/avr 2004 (13.04.2004)
 (25) en (26) en
 (30) 60/463,500 14 Apr/avr 2003 US (14.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)

- (51)⁷ C12N 9/42, 15/56, 5/10, 1/15, 1/19, 1/21, C12Q 1/68, C12P 19/12, 19/14
- (11) WO 2004/090127 (13) A1
- (21) PCT/JP2004/004128
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) ja (26) ja
- (30) 2003-098284 1 Apr/avr 2003 JP (01.04.2003)
- (30) 2003-098285 1 Apr/avr 2003 JP (01.04.2003)
- (30) 2003-098286 1 Apr/avr 2003 JP (01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • AGAR-DIGESTING ENZYME AND UTILIZATION THEREOF
• ENZYME DE DIGESTION D'AGAR-AGAR ET UTILISATION ASSOCIEE
- (71) INDEPENDENT ADMINISTRATIVE INSTITUTION, JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY [JP/JP]; 2-15, Natsushima-cho, Yokosuka-shi, Kanagawa, 2370061 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OHTA, Yukari [JP/JP]; c/o Independent Administrative Institution, Japan Agency for Marine-Earth Science and Technology, 2-15, Natsushima-cho, Yokosuka-shi, Kanagawa 237-0061 (JP). HATADA, Yuji [JP/JP]; c/o Independent Administrative Institution, Japan Agency for Marine-Earth Science and Technology, 2-15, Natsushima-cho, Yokosuka-shi, Kanagawa 237-0061 (JP). NOGI, Yuichi [JP/JP]; c/o Independent Administrative Institution, Japan Agency for Marine-Earth Science and Technology, 2-15, Natsushima-cho, Yokosuka-shi, Kanagawa 237-0061 (JP). ITO, Susumu [JP/JP]; c/o Independent Administrative Institution, Japan Agency for Marine-Earth Science and Technology, 2-15, Natsushima-cho, Yokosuka-shi, Kanagawa 237-0061 (JP). HORIKOSHI, Koki [JP/JP]; c/o Independent Administrative Institution, Japan Agency for Marine-Earth Science and Technology, 2-15, Natsushima-cho, Yokosuka-shi, Kanagawa 237-0061 (JP).
- (74) ONO, Nobuo, et al. / etc.; Mitobe Bldg. 4F, 1-13-1, Kandaizumi-cho, Chiyoda-ku Tokyo, 1010024 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 11/04, C12G 1/022, 1/073, C12C 11/09
- (11) WO 2004/090128 (13) A1
- (21) PCT/IB2003/001753
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) pt (26) fr
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR IMMOBILISING MICROORGANISMS, RELATED MATERIAL, AND USE THEREOF
• PROCEDE D'IMMOBILISATION DE MICRO-ORGANISMES, PRODUIT CORRESPONDANT ET UTILISATION DE CELUI-CI
- (71) PROENOL INDUSTRIA BIOTECNOLOGICA, LDA [PT/PT]; Travessa das Lages, 267, P-4405-194 Canelas VNG (PT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DE FATIMA TEIXEIRA CARDOSO DA SILVA, Maria [PT/PT]; Proenol Industria Biotechnologica, Lda, Travesa das Lages, 267, P-4405-194 Canelas VNG (PT). STREHAIANO, Pierre, Marie, Jean [FR/FR]; La Grande Borde, 43 Avenue de Cousse, F-31750 Escalquens (FR). CHEDAS SAMPAIO, Rui [PT/PT]; Rua Gil Vicente, Lote 7-2°. Drt°, P-2775 Parede (PT).
- (74) RELAYO DE SOUSA HENRIQUES, Rui; Rua de Sá da Bandeira, 706-2°. Esq°, P-4000 Porto (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N 15/09, C12M 1/00, C12Q 1/68, G01N 33/53, 33/566
- (11) WO 2004/090129 (13) A1
- (21) PCT/JP2003/004228
- (22) 2 Apr/avr 2003 (02.04.2003)
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DNA MICROARRAY, PROCESS FOR PRODUCING THE SAME AND METHOD OF USING THE SAME
• MICRORESEAU D'ADN ET SES PROCEDES DE PRODUCTION ET D'UTILISATION
- (71) HITACHI HIGH-TECHNOLOGIES CORPORATION [JP/JP]; 24-14, Nishishimbashi 1-chome, Minato-ku, Tokyo 105-8717 (JP).
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- (72, 75) HATTORI, Kumiko [JP/JP]; c/o Design & Manufacturing Group, Naka Division, Hitachi High-Technologies Corporation, 882, Ichige, Hitachinaka-shi, Ibaraki 312-8504 (JP). MIYAHARA, Yuji [JP/JP]; c/o Design & Manufacturing Group, Naka Division, Hitachi High-Technologies Corporation, 882, Ichige, Hitachinaka-shi, Ibaraki 312-8504 (JP).
- (74) HIRAKI, Yusuke; Toranomom No.5 Mori Building Third Floor, 17-1, Toranomom 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ C12N 15/09, 5/14, 15/82, A01H 5/00
- (11) WO 2004/090130 (13) A1
- (21) PCT/JP2004/005027
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) ja (26) ja
- (30) 2003-135141 7 Apr/avr 2003 JP (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • NOVEL VECTOR AND METHOD OF CONSTRUCTING TRANSFORMANT PLANT USING THE VECTOR
• NOUVEAU VECTEUR ET PROCEDE DE CONSTRUCTION D'UN TRANSFORMANT VEGETAL AU MOYEN DE CE VECTEUR
- (71) NIPPON PAPER INDUSTRIES CO., LTD. [JP/JP]; 4-1, Oji 1-chome, Kita-ku, Tokyo 114-0002 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAWAOKA, Akiyoshi [JP/JP]; c/o Nippon Paper Industries, Co., Ltd. Forestry Science, Research Laboratory, 4-1, Oji 1-chome, Kita-ku, Tokyo 114-0002 (JP). NANTO, Kazuya [JP/JP]; c/o Nippon Paper Industries, Co., Ltd. Forestry Science, Research Laboratory, 4-1, Oji 1-chome, Kita-ku, Tokyo 114-0002 (JP). EBINUMA, Hiroyasu [JP/JP]; c/o Nippon Paper Industries, Co., Ltd. Forestry Science, Research Laboratory, 4-1, Oji 1-chome, Kita-ku, Tokyo 114-0002 (JP).
- (74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 13th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/10, A01K 67/00, 67/027
- (11) WO 2004/090131 (13) A1
- (21) PCT/EP2004/002216
- (22) 4 Mar/mar 2004 (04.03.2004)
- (25) en (26) en
- (30) 03008470.1 11 Apr/avr 2003 EP (11.04.2003)

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • INDUCIBLE SITE-DIRECTED MUTAGENESIS THROUGH CONDITIONAL GENE RESCUE
- MUTAGENESE DIRIGEE INDUCIBLE PAR SAUVETAGE DE GENE CONDITIONNEL
- (71) MAX-DELBRÜCK-CENTRUM FÜR MOLEKULARE MEDIZIN (MDC) BERLIN-BUCH [DE/DE]; Robert-Rössle-Strasse 10, 13125 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GOTTHARDT, Michael [DE/DE]; Choriner Str. 45, 10435 Berlin (DE). RADKE, Michael [DE/DE]; Zillertalstrasse 10, 13187 Berlin (DE).
- (74) KRAUSS, Jan, B. et al. / etc.; Boehmert & Boehmert, Meinekestrasse 26, 10719 Berlin (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/090132 (13) A2
- (21) PCT/US2004/009960
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 10/406,141 2 Apr/avr 2003 US (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR ISOLATING NUCLEIC ACIDS
- PROCEDE D'ISOLEMENT D'ACIDES NUCLEIQUES
- (63) US 10/406,141 (CON)
Not furnished / non communiqué
- (71) AGENCOURT BIOSCIENCE CORPORATION [US/US]; 100 Cummings Center, Suite 107G, Beverly, MA 01915 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MCKERNAN, Kevin [US/US]; 10 Pequot Road, Marblehead, MA 01945 (US). ZIAUDDIN, Junaid [BD/US]; 872 Massachusetts Avenue, Apartment 502, Cambridge, MA 02139 (US).
- (74) COLLINS, Anne, 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/12, A61K 48/00
- (11) WO 2004/090134 (13) A1
- (21) PCT/ES2004/000117
- (22) 15 Mar/mar 2004 (15.03.2004)
- (25) es (26) es
- (30) P200300822 8 Apr/avr 2003 ES (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/11
- (11) WO 2004/090133 (13) A2
- (21) PCT/EP2004/003915
- (22) 14 Apr/avr 2004 (14.04.2004)
- (25) en (26) en
- (30) 60/462,624 14 Apr/avr 2003 US (14.04.2003)
- (30) 10/821,777 9 Apr/avr 2004 US (09.04.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD OF RNA CLEAVAGE AND RECOMBINATION
- TECHNIQUE DE CLIVAGE ET DE RECOMBINAISON D'ARN
- (63) US 10/296,574 (CIP)
7 Jan/jan 2003 (07.01.2003)
- (71) ISTITUTO DI BIOLOGIA CELLULARE, CNR [IT/IT]; Campus "A. Buzzati Traverso", Via E. Ramarini, 32, I-00016 Monterotondo Scalo (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TOCCHINI-VALENTINI, Glauco, P. [IT/IT]; Via Cassia, 240, I-00191 Roma (IT). DEIDDA, Giancarlo [IT/IT]; Via F. Paolo Bonifacio, 56, I-00156 Roma (IT). ROSSI, Nicoletta [IT/IT]; Via P. Togliatti, 1604, I-00155 Roma (IT).
- (74) DUCKWORTH, Timothy, John et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/19, 15/62, C07K 14/52, 19/00, A61K 38/19, 39/395, C07K 16/00
- (11) WO 2004/090135 (13) A2
- (21) PCT/GB2004/001572
- (22) 7 Apr/avr 2004 (07.04.2004)
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- (30) 0324235.1 16 Oct/oct 2003 GB (16.10.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • POLYPEPTIDES CONTAINING GLYCOSYLPHOSPHATIDYLINOSITOL
- POLYPEPTIDES CONTENANT DU GLYCOSYLPHOSPHATIDYLINOSITOL
- (71) ASTERION LIMITED [GB/GB]; Firth Court, Sheffield S10 2TN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROSS, Richard [GB/GB]; Asterion Limited, Firth Court, Sheffield S10 2TN
- (63) US 10/296,574 (CIP)
7 Jan/jan 2003 (07.01.2003)
- (71) ISTITUTO DI BIOLOGIA CELLULARE, CNR [IT/IT]; Campus "A. Buzzati Traverso", Via E. Ramarini, 32, I-00016 Monterotondo Scalo (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TOCCHINI-VALENTINI, Glauco, P. [IT/IT]; Via Cassia, 240, I-00191 Roma (IT). DEIDDA, Giancarlo [IT/IT]; Via F. Paolo Bonifacio, 56, I-00156 Roma (IT). ROSSI, Nicoletta [IT/IT]; Via P. Togliatti, 1604, I-00155 Roma (IT).
- (74) DUCKWORTH, Timothy, John et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/19, 15/62, C07K 14/52, 19/00, A61K 38/19, 39/395, C07K 16/00
- (11) WO 2004/090135 (13) A2
- (21) PCT/GB2004/001572
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 0308088.4 9 Apr/avr 2003 GB (09.04.2003)
- (30) 0324235.1 16 Oct/oct 2003 GB (16.10.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • POLYPEPTIDES CONTAINING GLYCOSYLPHOSPHATIDYLINOSITOL
- POLYPEPTIDES CONTENANT DU GLYCOSYLPHOSPHATIDYLINOSITOL
- (71) ASTERION LIMITED [GB/GB]; Firth Court, Sheffield S10 2TN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROSS, Richard [GB/GB]; Asterion Limited, Firth Court, Sheffield S10 2TN

- (GB). SAYERS, Jon [GB/GB]; Asterion Limited, Firth Court, Sheffield S10 2TN (GB). ARTYMIUK, Peter [GB/GB]; Asterion Limited, Firth Court, Sheffield S10 2TN (GB).
- (74) HARRISON GODDARD FOOTE; 31 St. Saviourgate, York YO1 8NQ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/31, C07K 14/38, C12P 21/02, C12Q 1/68, C12N 1/15, 9/00, 9/62, A23L 1/22 // (C12N 1/15, C12R 1:69)
- (11) WO 2004/090137 (13) A1
- (21) PCT/JP2004/004789
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) ja (26) ja
- (30) 2003-097953 1 Apr/avr 2003 JP (01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • NOVEL GENE
• NOUVEAU GENE
- (71) KYOWA HAKKO KOGYO CO., LTD. [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 1008185 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TOKUNAGA, ChikaraSAITOH, ChikakITAMOTO, Katsuhiko
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/29
- (11) WO 2004/090136 (13) A1
- (21) PCT/AU2004/000494
- (22) 14 Apr/avr 2004 (14.04.2004)
- (25) en (26) en
- (30) 2003901797 14 Apr/avr 2003 AU (14.04.2003)
- (30) 2003904369 14 Aug/août 2003 AU (14.08.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CHALCONE SYNTHASE DIHYDROFLAVONOL 4-REDUCTASE AND LEUCOANTHOCYANIDINE REDUCTASE FROM CLOVER, MEDIC RYEGRASS OR FESCUE
• CHALCONE SYNTHASE, DIHYDROFLAVONOL 4-REDUCTASE ET LEUCOANTHOCYANIDINE REDUCTASE A PARTIR DU TREFLE, DE FROMENTAL MEDICINAL OU DE FETUQUE
- (71) AGRICULTURE VICTORIA SERVICES PTY LTD [AU/AU]; 475 Mickleham Road, Attwood, Victoria 3049 (AU). AGRESEARCH LIMITED [NZ/NZ]; 5th Floor, Tower Block, Ruakura Research Centre, East Street, Hamilton (NZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SPANGENBERG, German [UY/AU]; 56 Arthur Street, Bundoora, Victoria 3083 (AU). EMMERLING, Michael [DE/AU]; 249 Nepean Street, Greensborough, Victoria 3088 (AU). SIMMONDS, Jason [AU/AU]; 22 Gabriel Terrace, South Morang, Victoria 3752 (AU). WINKWORTH, Amanda [AU/AU]; 1 Borang Street, North Coburg, Victoria 3058 (AU). PANTER, Stephen [AU/AU]; 16/18-20 Greenhill Road, Bundoora, Victoria 3082 (AU).
- (74) FREEHILLS CARTER SMITH BEADLE; Level 43, 101 Collins Street, Melbourne, Victoria 3000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/60, 15/63, 1/21, 1/22
- (11) WO 2004/090138 (13) A1
- (21) PCT/EP2004/002430
- (22) 10 Mar/mar 2004 (10.03.2004)
- (25) de (26) de
- (30) 103 16 888.5 12 Apr/avr 2003 DE (12.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR THE PRODUCTION OF VITAMIN B12
• PROCEDE DE PRODUCTION DE VITAMINE B12
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; Carl-Bosch-Strasse, 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARG, Heiko [DE/DE]; Richard-Wagner-Str. 53, 67433 Neustadt (DE). JAHN, Dieter [DE/DE]; In Den Schönen Morgen 14, 38300 Wolfenbüttel (DE).
- (74) FITZNER, Uwe et al. / etc.; Lintorfer Str. 10, 40878 Ratingen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/62, 15/10, 15/00
- (11) WO 2004/090139 (13) A1
- (21) PCT/IB2003/001452
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) en (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR THE CONSTRUCTION OF RANDOMIZED GENE SEQUENCE LIBRARIES IN CELLS
• PROCEDE POUR LA REALISATION DE BANQUES DE SEQUENCES GENETIQUES RANDOMISEES DANS DES CELLULES
- (71) ESBATECH AG [CH/CH]; Wagistrasse 21, CH-8952 Schlieren (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHÄRER-BRODBECK, Claudia [CH/CH]; Rosenmattstrasse 32, CH-4133 Pratteln (CH).
- (74) E. BLUM & CO.; Vorderberg 11, CH-8044 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/82
- (11) WO 2004/090140 (13) A2
- (21) PCT/EP2004/003995
- (22) 9 Apr/avr 2004 (09.04.2004)
- (25) en (26) en
- (30) 03076044.1 9 Apr/avr 2003 EP (09.04.2003)
- (30) 60/496.688 21 Aug/août 2003 US (21.08.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)

- (54) • METHODS AND MEANS FOR INCREASING THE TOLERANCE OF PLANTS TO STRESS CONDITIONS
- PROCEDES ET ELEMENTS DESTINES A AUGMENTER LA TOLERANCE DE PLANTES PAR RAPPORT A DES CONDITIONS DE STRESS
- (71) BAYER BIOSCIENCE N.V. [BE/BE]; Technopark 38, B-9052 Gent (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DE BLOCK, Marc [BE/BE]; Abrikozenstraat 26, B-9820 Merelbeke (BE).
- (74) BAYER BIOSCIENCE N.V.; Technopark 38, B-9052 Gent (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

- (51)⁷ C12N 15/82
- (11) WO 2004/090141 (13) A2
- (21) PCT/EP2004/050513
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) en (26) en
- (30) 03076064.9 11 Apr/avr 2003 EP (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • STRESS TOLERANCE

- TOLERANCE AU STRESS
- (71) CROPDESIGN N.V. [BE/BE]; Technopark 3, B-9052 Zwijnaarde (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MULET SALORT, Jose Miguel [ES/CH]; Häisingerstrasse 33, CH-4055 Basel (CH). SERRANO SALOM, Ramon [ES/ES]; Calle Asturias 22, puerta 2, E-46023 Valencia (ES).
- (74) CROPDESIGN N.V.; Technopark 3, B-9052 Zwijnaarde (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/82

- (11) WO 2004/090142 (13) A2
- (21) PCT/EP2004/050519
- (22) 14 Apr/avr 2004 (14.04.2004)
- (25) en (26) en
- (30) 03076086.2 14 Apr/avr 2003 EP (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PLANTS HAVING MODIFIED GROWTH CHARACTERISTICS AND METHOD FOR MAKING THE SAME
- PLANTES PRESENTANT DES CARACTERISTIQUES DE CROISSANCE MODIFIEES, ET LEUR PROCEDE DE PRODUCTION
- (71) CROPDESIGN N.V. [BE/BE]; Technopark 3, B-9052 Zwijnaarde (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SANZ MOLINERO, Ana, Isabel [ES/BE]; Bernheimlaan 38, B-9050 Gentbrugge (BE).
- (74) CROPDESIGN N.V.; Technopark 3, B-9052 Zwijnaarde (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C12N 15/82, A01H 5/00, C12N 15/29, 5/10, 9/10
- (11) WO 2004/090143 (13) A2
- (21) PCT/US2004/010064
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/460,718 4 Apr/avr 2003 US (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MODULATION OF CYTOKININ ACTIVITY IN PLANTS
- MODULATION DE L'ACTIVITE DES CYTOKININES DANS LES PLANTES
- (71) PIONEER HI-BRED INTERNATIONAL, INC. [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50309 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HABBEN, Jeffrey, E. [US/US]; 8813 Sunflower Circle, Urbandale, IA 50322 (US). ZINSELMEIER, Chris [US/US]; 8385 N. W. Chevalia Drive, Grimes, IA 50111 (US). TOMES, Dwight, T. [US/US]; 2672 Brookview Lane, Van Meter, IA 50261 (US). ABBITT, Shane, E. [US/US]; 422 N. W. Bayberry Court, Ankeny, IA 50021 (US). HELENTJARIS, Timothy, G. [US/US]; 2960 N. W. 73rd Lane, Ankeny, IA 50021 (US). NIU, Xiaomu [CN/US]; 6473 N. Winwood Drive, Johnston, IA 50325 (US).
- (74) VARLEY, Karen, K.; Pioneer Hi-Bred International, Inc., 7100 N.W. 62nd Avenue, Johnston, IA 50131-1000 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/82

- (11) WO 2004/090144 (13) A2
- (21) PCT/US2004/010418
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/459,903 2 Apr/avr 2003 US (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MTHP PROMOTER ELEMENT
- ELEMENT PROMOTEUR DE MTHP
- (63) US 60/459,903 (CIP) 2 Apr/avr 2003 (02.04.2003)
- (71) THE SAMUEL ROBERTS NOBLE FOUNDATION, INC. [US/US]; 2510 Sam Noble Parkway, Ardmore, OK 73401 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WANG, Zengyu; **HARRISON, Maria; **

(74) HANSON, Robert, E.; Fulbright & Jaworski L.L.P., 600 Congress Avenue, Suite 2400, Austin, TX 78701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/864, A61K 48/00

(11) WO 2004/090145 (13) A2

(21) PCT/US2004/010045

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,323 31 Mar/mar 2003 US (31.03.2003)

(30) 60/512,347 16 Oct/oct 2003 US (16.10.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COMPOUNDS AND METHODS TO ENHANCE RAAV TRANSDUCTION

- COMPOSES ET PROCEDES DESTINES A AMELIORER LA TRANSDUCTION DU VIRUS RAAV

(71) UNIVERSITY OF IOWA RESEARCH FOUNDATION [US/US]; Oakdale Research Center, 100 Oakdale Campus #214 TIC, Iowa City, Iowa 52242-5000 (US). TARGETED GENETICS CORPORATION [US/US]; 1100 Olive Way, Suite 100, Seattle, Washington 98101 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) ENGELHARDT, John, F. [US/US]; 8 Laredo Court, Iowa City, Iowa 52246 (US). MUNSON, Keith, L. [US/US]; 29 Etura Street, #308, Seattle, Washington 98109 (US).

(74) STEFFEY, Charles, E. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth P.A., P.O. Box 2938, Minneapolis, Minnesota 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/90, 15/79

(11) WO 2004/090146 (13) A1

(21) PCT/FI2004/000228

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 20030561 14 Apr/avr 2003 FI (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DELIVERY OF NUCLEIC ACIDS INTO EUKARYOTIC GENOMES USING IN VITRO ASSEMBLED MU TRANSPORTATION COMPLEXES

- INTRODUCTION D'ACIDES NUCLEIQUES DANS DES GENOMES EUCARYOTES AU MOYEN DE COMPLEXES ASSEMBLES DE TRANSPORTATION DE MU

(71) FINNZYMES OY [FI/FI]; Riihitontuntie 14 B, FI-02200 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAVILAHTI, Harri [FI/FI]; Munkkiniemen Puistotie 2 B 34, FI-00330 Helsinki (FI). FRILANDER, Mikko [FI/FI]; Kekomäentie 20 C, FI-00940 Helsinki (FI). XIAOJUAN, Meng [CN/FI]; Kytösuontie 9 as 1, FI-00300 Helsinki (FI). PAATERO, Anja [FI/FI]; Taulutie 26 C, FI-00680 Helsinki (FI). PAJUNEN, Maria [FI/FI]; Tuomipolku 7 E, FI-00780 Helsinki (FI). TURAKAINEN, Hilikka [FI/FI]; Tammahaantie 15-17 E 19, FI-02940 Espoo (FI).

(74) OY JALO ANT-WUORINEN AB; Iso Roobertinkatu 4-6 A, FI-00120 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12P 13/02, 17/06, B01D 61/14, C07C 231/24, 233/09, C07D 213/82

(11) WO 2004/090147 (13) A1

(21) PCT/JP2004/004333

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-98139 1 Apr/avr 2003 JP (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD OF PURIFYING AQUEOUS AMIDE COMPOUND SOLUTION AND PROCESS FOR PRODUCING AMIDE COMPOUND

- PROCEDE DE PURIFICATION D'UNE SOLUTION AQUEUSE DE COMPOSE AMINE ET PROCEDE DE PRODUCTION D'UN COMPOSE AMINE

(71) DIA-NITRIX CO., LTD. [JP/JP]; 12-5, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MURAO, Kozo [JP/JP]; c/o Dia-Nitrix Co., Ltd., Research Laboratory, 10-1, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0053 (JP). KANO, Makoto [JP/JP]; c/o Dia-Nitrix Co., Ltd., Research Laboratory, 10-1, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0053 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12P 13/02, C08F 20/56

(11) WO 2004/090148 (13) A1

(21) PCT/JP2004/004847

(22) 2 Apr/avr 2004 (02.04.2004)

(25) ja (26) ja

(30) 2003-106894 10 Apr/avr 2003 JP (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROCESS FOR PRODUCING HIGH-QUALITY ACRYLAMIDE POLYMER WITH ENZYME

- PROCEDE ENZYMATIQUE DE FABRICATION D'UN POLYMERE ACRYLAMIDE DE HAUTE QUALITE

(71) DIA-NITRIX CO. LTD. [JP/JP]; 12-5, Kyobashi 1-chome Chuo-ku Tokyo, 1040031 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MURAO, Kozo, [JP/JP]; c/o Research Laboratory, Dia-Nitrix Co., Ltd. 10-1, Daikoku-cho, Tsurumi-ku Yokohama-shi Kanagawa, 2300053 (JP). ISHII, Katsuo, [JP/JP]; c/o Research Laboratory, Dia-Nitrix Co., Ltd. 10-1, Daikoku-cho, Tsurumi-ku Yokohama-shi Kanagawa, 2300053 (JP). KANO, Makoto, [JP/JP]; c/o Research Laboratory, Dia-Nitrix Co., Ltd. 10-1, Daikoku-cho, Tsurumi-ku Yokohama-shi Kanagawa, 2300053 (JP). BANBA, Hiroyasu, [JP/JP]; c/o Research Laboratory, Dia-Nitrix Co., Ltd. 10-1, Daikoku-cho, Tsurumi-ku Yokohama-shi Kanagawa, 2300053 (JP).

(74) HIRAKI, Yusuke, et al. / etc.; Toranomon No.5 Mori Building Third Floor, 17-1, Toranomon 1-chome Minato-ku Tokyo, 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12P 13/08, C12N 15/54, 1/21
- (11) WO 2004/090149 (13) A1
- (21) PCT/EP2004/003207
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 103 16 109.0 9 Apr/avr 2003 DE (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROCESS FOR THE PRODUCTION OF L-AMINO ACIDS USING STRAINS OF THE ENTEROBACTERIACEAE FAMILY WHICH CONTAIN AN ENHANCE YFIDD ORF AND/OR PFLD GENE
- PROCEDE DE PRODUCTION DE L-AMINOACIDES UTILISANT DES SOUCHES DE LA FAMILLE DES ENTEROBACTERIACEAE QUI CONTIENNENT UN GENE PFLD ET/OU UN ORF YFID AMELIORE
- (71) DEGUSSA AG [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).
- (72) RIEPING, Mechthild; Mönkebergstrasse 1, 33619 Bielefeld (DE). FARWICK, Mike; Rüttenscheider Strasse 192, 45131 Essen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12P 19/34, C12Q 1/68
- (11) WO 2004/090150 (13) A2
- (21) PCT/CN2004/000329
- (22) 9 Apr/avr 2004 (09.04.2004)
- (25) zh (26) zh
- (30) 03116325.4 11 Apr/avr 2003 CN (11.04.2003)
- (30) 03116324.6 11 Apr/avr 2003 CN (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)

- (54) • PCR METHOD USING MULTIPLE PRIMER PAIRS AND THE SOLUTION USED IN IT AND THE USE OF THE METHOD IN THE DETECTION REAGENTS
- PROCEDE DE REACTION EN CHAINE DE LA POLYMERASE (PCR) AU MOYEN DE MULTIPLES PAIRES D'AMORCES ET SOLUTION UTILISEE DANS CE CONTEXTE ET UTILISATION DUDIT PROCEDE DANS DES REACTIFS DE DETECTION
- (71, 72) XU, Dingbang [CN/CN]; Rm.603, No.2, Lane 58 Yong Xing Road, Shanghai 200071 (CN). XU, Wenhui [CN/CN]; Rm.603, No.2, Lane 58 Yong Xing Road, Shanghai 200071 (CN).
- (72, 75) ZHU, Defen [CN/CN]; Rm.603, No.2, Lane 58 Yong Xing Road, Shanghai 200071 (CN). XIE, Wenkai [CN/CN]; Rm. 601, No.51, Lane 358 He Qing Road, Shanghai 200240 (CN).
- (74) SHANGHAI KAIJI PATENT AGENT CO. LTD; 5/F 60 Nan Dan Dong Road, Xuhui District, Shanghai 200030 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for all designations / pour toutes les désignations
- (t) for all designations / pour toutes les désignations
- (u) for / pour US only / seulement
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- (51)⁷ C12P 21/02, C07K 14/78, A61K 38/39
- (11) WO 2004/090151 (13) A2
- (21) PCT/IB2004/001439
- (22) 12 Apr/avr 2004 (12.04.2004)
- (25) en (26) en
- (30) 60/462,528 11 Apr/avr 2003 US (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A NOVEL COLLAGEN PRODUCTION METHOD
- NOUVEAU PROCEDE DE PRODUCTION DE COLLAGENE
- (71) ECODYNAMIC BIOLAB INC.; 3rd Fl., No. 17, Alley 3, Lane 128, Jinghua St., Wnshhan District, Taipei 116 (TW).
- (for all designated States except / pour tous les États désignés sauf US)
- (71, 72) SEAH, June, Nam [MY/SG]; Block 680, #04-564, Choa Chu Kang Crescent, Singapore 680680 (SG). HSIAO, Chin, Ying; 3rd Fl., No. 17, Alley 3, Lane 128, Jinghua

- St., Wenshan Chiu, Taipei 116 (TW). CHOU, Chiang, Hung; No. 178, Bauan St., Minshiang Shiang, Chiai (TW). SUN, Hsi, Wen; 7F, No 63, Lane 144, Sec. 2, Nanya S. Rd., Banciao City 220 (TW).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12P 41/00
- (11) WO 2004/090152 (13) A1
- (21) PCT/JP2004/004988
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) ja (26) ja
- (30) 2003-103898 8 Apr/avr 2003 JP (08.04.2003)
- (30) 2003-325057 17 Sep/sep 2003 JP (17.09.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • 2-ALKYLCYSTEINAMIDE OR SALT THEREOF, PROCESS FOR PRODUCING THESE, AND USE OF THESE
- 2-ALKYLCYSTEINAMIDE OU SEL DE CELUI-CI, PROCEDE DE PRODUCTION DE CELUI-CI ET UTILISATION DE CELUI-CI
- (71) MITSUBISHI GAS CHEMICAL COMPANY, INC. [JP/JP]; 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIGUCHI, Yasushi [JP/JP]; c/o Mitsubishi Gas Chemical Co., Inc., Niigata Research Laboratory, 182, Tayuhama Aza Shinwari, Niigata-shi, Niigata 950-3112 (JP). TANAKA, Akinori [JP/JP]; c/o Mitsubishi Gas Chemical Co., Inc., Niigata Research Laboratory, 182, Tayuhama Aza Shinwari, Niigata-shi, Niigata 950-3112 (JP). HASEMI, Ryuji [JP/JP]; c/o Mitsubishi Gas Chemical Co., Inc., Niigata Research Laboratory, 182, Tayuhama Aza Shinwari, Niigata-shi, Niigata 950-3112 (JP).
- (74) IDE, Masatake et al. / etc.; M. Ide & Co., 9F, Gobancho Grand Bldg., 3-1, Gobancho, Chiyoda-ku, Tokyo 102-0076 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12Q
(11) WO 2004/090153 (13) A2
(21) PCT/US2004/010029
(22) 1 Apr/avr 2004 (01.04.2004)
(25) en (26) en
(30) 60/459,672 1 Apr/avr 2003 US (01.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • POLYMERASE INHIBITOR AND METHOD OF USING SAME
• INHIBITEUR DE POLYMERASE ET SON PROCEDE D'UTILISATION
- (71) ERAGEN BIOSCIENCES, INC. [US/US]; 918 Deming Way, Suite 201, Madison, WI 53717-1933 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MOSER, Michael, J. [US/US]; 7406 Farmington Way, Madison, WI 53717 (US). VAN HOUT, Christopher, V. [US/US]; 204 N. Segoe Road, Apt 5B, Madison, WI 53705-4948 (US). LARSEN, Christine, A. [US/US]; 221 South Highpoint Road, Apt. 118, Madison, WI 53717 (US). MARSHALL, David, J. [US/US]; 17 Newbury Circle, Madison, WI 53711 (US). PRUDENT, James, R. [US/US]; 3750 Country Grove Drive, Madison, WI 53719 (US).
- (74) PLETTA, Gregory, T. et al. / etc.; EraGen Biosciences, Inc., 918 Deming Way, Suite 201, Madison, WI 53717-1933 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12Q
(11) WO 2004/090155 (13) A2
(21) PCT/US2004/010126
(22) 31 Mar/mar 2004 (31.03.2004)
(25) en (26) en
(30) 60/459,902 31 Mar/mar 2003 US (31.03.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHODS FOR PRODUCING BIOLOGICAL SUBSTANCES IN ENZYME-DEFICIENT MUTANTS OF ASPERGILLUS NIGER
• PROCEDES PERMETTANT DE PRODUIRE DES SUBSTANCES BIOLOGIQUES DANS DES MUTANTS DE ASPERGILLUS NIGER DEFICIENTS POUR UNE ENZYME
- (71) NOVOZYMES BIOTECH, INC. [US/US]; 1445 Drew Avenue, Davis, CA 95616 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CONNELLY, Mariah [US/US]; 1043 57th Street, Sacramento, CA 95819 (US). BRODY, Howard [US/US]; 5136 El Cemente Avenue, Davis, CA 95616 (US).
- (74) STARNES, Robert; Novozymes Biotech, Inc., 1445 Drew Avenue, Davis, CA 95616 (US).
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• SONDES D'ACYLE-PHOSPHATE ET DE PHOSPHONATE ET PROCEDES
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• UTILISATION DE PDE4D DANS LE CRIBLAGE DE MEDICAMENTS CONTRE L'ATHEROSCLEROSE
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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• IDENTIFICATION DES SEROTYPES DE *STREPTOCOCCUS PNEUMONIAE*
- (71) WESTERN SYDNEY AREA HEALTH SERVICE [AU/AU]; Westmead Hospital, Westmead, New South Wales 2145 (AU). TIANJIN BIOCHIP TECHNOLOGY CORPORATION [CN/CN]; No. 23 HongDa Street, TEDA, Tianjin 300457 (CN).
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- SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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• PROCÉDES DE QUANTIFICATION RELATIVE DE SÉQUENCES D'ACIDES NUCLEIQUES SPECIFIQUES
- (71) DNA LANDMARKS INC. [CA/CA]; 84, Richelieu Street, St-Jean-Sur-Richelieu, Québec J3B 6X3 (CA).
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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 HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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• EXPRESSION GENIQUE ASSOCIEE A UNE DIFFERENCIATION DES OSTEOBLASTES
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- (54) • SCREENING METHODS AND SEQUENCES RELATING THERETO
• PROCEDE DE CRIBLAGE ET SEQUENCES RELATIVES A CES PROCEDES
- (71) **UNIVERSITY OF WALES COLLEGE OF MEDICINE** [GB/GB]; Heath Park, Cardiff CF14 4XN (GB).
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• PROCEDE PERMETTANT DE DETERMINER LA SANTE ECOLOGIQUE OU AGRICOLE D'UN SOL
- (71) **STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN** [NL/NL]; Van Vollenhovenlaan 661, NL-3527 JP Utrecht (NL).
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• PROCEDE DE DEFINITION DU DEGRE DE DIFFERENCIATION D'UNE TUMEUR
- (71) **F.HOFFMANN-LA ROCHE AG** [CH/CH]; 124, Grenzacherstrasse, CH-4070 Basle (CH).
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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 HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • SURFACE IMMOBILISED MULTILAYER STRUCTURE OF VESICLES
• STRUCTURE MULTICOUCHE DE VESICULES IMMOBILISEE SUR UNE SURFACE
- (71) **LAYERLAB AKTIEBOLAG** [SE/SE]; Stena Center 1 D, S-412 92 Göteborg (SE).
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- (72, 75) **GRANÉLI, Annette** [SE/SE]; Ekedalsgatan 3 A, S-414 66 Göteborg (SE). **REIMHULT, Erik** [SE/SE]; Kungshöjdgatan 11 A, S-411 20 Göteborg (SE). **SVEDHEM, Sofia** [SE/SE]; Östra Eriksbergsgatan 74, S-417 63 Göteborg (SE). **PFEIFFER, Indriati** [ID/SE]; Ångemarken 11 C, S-413 20 Göteborg (SE). **HÖÖK, Fredrik** [SE/SE]; Stenströmögatan 4, S-416 56 Göteborg (SE).
- (74) **BERGENSTRÄHLE & LINDVALL AB**; P.O. Box 17704, Medborgarplatsen 25, S-118 93 Stockholm (SE).
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- SY TJ TM TN TR TT TZ UA UG US UZ VC
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
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UTÉRIN
- (71) INSTITUTE OF CELL AND MOLEC-
ULAR BIOLOGY [SG/SG]; 30 Medical
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- (72, 75) BERNARD, Hans-Ulrich [DE/US]; 7
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DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
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- (54) • DETECTION OF A TARGET NUCLEIC
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AND ENZYMATIC DETECTION OF
RELEASED PYROPHOSPHATE

- DETECTION D'UN ACIDE NU-
CLEIQUE CIBLE PAR REACTION
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TION ENZYMATIQUE DE PYRO-
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- (71) TEMASEK LIFE SCIENCES LABORA-
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- (74) ELLA CHEONG SPRUSON & FERGUS-
SON (SINGAPORE) PTE LTD; P.O. Box
1531, Robinson Road Post Office, Singapore
903031 (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ C12Q 1/68, G01N 15/06, 33/00, 33/543,
C12N 11/16
- (11) WO 2004/090168 (13) A1
- (21) PCT/US2002/006392
- (22) 28 Feb/fév 2002 (28.02.2002)
- (25) en (26) en
- (30) 60/293,863 24 May/mai 2001 US
(24.05.2001)
- (30) 60/299,267 18 Jun/juin 2001 US
(18.06.2001)
- (30) 60/299,810 20 Jun/juin 2001 US
(20.06.2001)
- (30) 60/307,649 24 Jul/juil 2001 US
(24.07.2001)
- (30) 60/307,650 24 Jul/juil 2001 US
(24.07.2001)
- (30) 60/310,540 6 Aug/août 2001 US
(06.08.2001)
- (30) 60/317,409 4 Sep/sep 2001 US
(04.09.2001)
- (30) 60/318,156 7 Sep/sep 2001 US
(07.09.2001)
- (30) Not furnished / 10 Oct/oct 2001 US
non communiqué (10.10.2001)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MULTIPLEXED CELL ANALYSIS SYS-
TEM
- SYSTEME D'ANALYSE CELLULAIRE
MULTIPLEX
- (71) VIRTUAL ARRAYS, INC. [US/US]; 1190
Bordeaux Drive, Sunnyvale, CA 94089 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

- (72, 75) RAVKIN, Ilya [US/US]; 945 Colorado
Avenue, Palo Alto, CA 94303 (US). GOLD-
BARD, Simon [US/US]; 1033 Tulipan Drive,
San Jose, CA 95129 (US). ZAROWITZ,
Michael, A. [US/US]; 981 Sunset Drive, San
Carlos, CA 94070 (US). BESKE, Oren, E.
[US/US]; 2407 Cipriani Blvd., Belmont, CA
94002 (US).
- (74) VAN RYSSELBERGHE, Pierre, C. et al. /
etc.; Kolisch Hartwell Dickinson McCormack
& Heuser, Suite 200, 520 SW Yamhill St.,
Portland, OR 97204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG
US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
-
- (51)⁷ C12Q 1/68
- (11) WO 2004/090169 (13) A2
- (21) PCT/US2004/010168
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 103 15 640.2 4 Apr/avr 2003 DE
(04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR CONTROLLED RE-
LEASE OF ENZYMATIC REACTION
COMPONENTS
- PROCEDE DE LIBERATION CONTRO-
LEE DE COMPOSANTS DE REACTION
ENZYMATIQUE
- (71) PROMEGA CORPORATION [US/US];
2800 Woods Hollow Road, Madison, WI
53711 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) IGNATOV, Konstantin [RU/RU];
Obruchevstr. 35-1-82, 117246 Moscow
(RU). KRAMAROV, Vladimir [RU/RU];
Yushunskaya M. Str. 8-2-80, 113303 Moscow
(RU). PLACHOV, Dimitrij [RU/DE]; Raif-
feisenstr. 12, 59348 Lüdinghausen (DE).
- (74) BRUNOVSKIS, Peter; Brinks Hofer Gilson
& Lione, P.O. Box 10087, Chicago, IL 60610
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

- (51)⁷ C12Q 1/68
(11) WO 2004/090170 (13) A1
(21) PCT/US2004/009995
(22) 1 Apr/avr 2004 (01.04.2004)
(25) en (26) en
(30) 60/460,021 2 Apr/avr 2003 US (02.04.2003)
(30) 60/488,455 18 Jul/juil 2003 US (18.07.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • ERROR REDUCTION IN AUTOMATED GENE SYNTHESIS
• REDUCTION D'ERREUR EN GENEMATIQUE
(71) BLUE HERON BIOTECHNOLOGY, INC. [US/US]; 22310 20th Avenue SE, Bothell, WA 98021 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MULLIGAN, John, T. [US/US]; 4317 Densmore Avenue N, Seattle, WA 98103 (US). TABONE, John, C. [US/US]; 12117 NE 166th Place, Bothell, WA 98011 (US).
(74) SHARKEY, Richard, G. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ C13D 1/02, C12P 7/08, C10J 3/00
(11) WO 2004/090171 (13) A1
(21) PCT/JP2004/004962
(22) 6 Apr/avr 2004 (06.04.2004)
(25) ja (26) ja
(30) 2003-102534 7 Apr/avr 2003 JP (07.04.2003)
(30) 2004-027016 3 Feb/fév 2004 JP (03.02.2004)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • PROCESS FOR PRODUCING SUGAR AND USEFUL SUBSTANCE
• PROCEDE DE PRODUCTION DE SUCRE ET DE SUBSTANCE UTILE
(71) ASAHI BREWERIES, LTD. [JP/JP]; 7-1, Kyobashi 3-chome, Chuo-ku, Tokyo 104-8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) OHARA, Satoshi [JP/JP]; c/o Engineering & Technology Development Laboratory, Asahi Breweries, Ltd., 1-1-21,

- Midori, Moriya-shi, Ibaraki 302-0198 (JP). TOMINO, Yoshitaka [JP/JP]; c/o Engineering & Technology Development Laboratory, Asahi Breweries, Ltd., 1-1-21, Midori, Moriya-shi, Ibaraki 302-0198 (JP). SUGIMOTO, Akira [JP/JP]; c/o Laboratory of Sugarcane Breeding, Department of Crop and Food Science, National Agricultural Research Center for Kyushu Okinawa Region, National Agriculture and Bio-oriented Research Organization., 1742-1, Anno, Nishino-omote-shi, Kagoshima 89131 (JP). UJIHARA, Kunihiko [JP/JP]; c/o Laboratory of Sugarcane Breeding, Department of Crop and Food Science, National Agricultural Research Center for Kyushu Okinawa Region, National Agriculture and Bio-oriented Research Organization., 1742-1, Anno, Nishino-omote-shi, Kagoshima 89131 (JP). TERAJIMA, Yoshifumi [JP/JP]; c/o Laboratory of Sugarcane Breeding, Department of Crop and Food Science, National Agricultural Research Center for Kyushu Okinawa Region, National Agriculture and Bio-oriented Research Organization., 1742-1, Anno, Nishino-omote-shi, Kagoshima 89131 (JP).
(74) KUMAKURA, Yoshio et al. / etc.; Nakamura & Partners, Shin-Tokyo Bldg, 3-1, Marunouchi 3-chome, Chiyoda-Ku, Tokyo 100-8355 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C21B

- (11) WO 2004/090172 (13) A2
(21) PCT/EP2004/050518
(22) 14 Apr/avr 2004 (14.04.2004)
(25) en (26) en
(30) 03008562.5 14 Apr/avr 2003 EP (14.04.2003)
(30) 91 025 5 Jun/juin 2003 LU (05.06.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • COOLED FURNACE WALL
• PAROI DE FOUR REFROIDIE
(71) PAUL WURTH S.A. [LU/LU]; 32, rue d'Alsace, L-1122 Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SCHMELER, Robert [LU/LU]; 15, rue Verte, L-3592 DUDELANGE (LU).
(74) SCHMITT, Armand et al. / etc.; Office Ernest T. Freylinger S.A., B.P. 48, L-8001 Strassen (LU).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)¹ C21B 11/00, 13/00, C21C 5/32, F27B 3/19, 14/08, 1/21, F27D 3/15, C22B 5/10

- (11) WO 2004/090173 (13) A1
(21) PCT/AU2004/000472
(22) 8 Apr/avr 2004 (08.04.2004)
(25) en (26) en
(30) 2003901692 10 Apr/avr 2003 AU (10.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • DIRECT SMELTING PLANT
• INSTALLATION DE FUSION DIRECTE
(71) TECHNOLOGICAL RESOURCES PTY LIMITED [AU/AU]; 55 Collins Street, Melbourne, VIC 3000 (AU).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) IONS, Philip, James [AU/AU]; 18A Moness Street, Shelley, W.A. 6148 (AU). DRY, Rodney, James [AU/AU]; 326 The Boulevard, City Beach, W.A. 6015 (AU).
(74) GRIFFITH HACK; 509 St Kilda Road, Melbourne, VIC 3004 (AU).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ C21B 11/00, 13/00, F27B 3/18, 1/20, 14/16, F27D 3/18
(11) WO 2004/090174 (13) A1
(21) PCT/AU2004/000473
(22) 8 Apr/avr 2004 (08.04.2004)
(25) en (26) en
(30) 2003901693 10 Apr/avr 2003 AU (10.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • DIRECT SMELTING PLANT AND PROCESS
• INSTALLATION ET PROCEDE DE FUSION DIRECTE
(71) TECHNOLOGICAL RESOURCE PTY LIMITED [AU/AU]; 55 Collins Street, Melbourne, VIC 3000 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DRY, Rodney, James** [AU/AU]; 326 The Boulevard, City Beach, Western Australia 6015 (AU). **LEIGH, David, John** [AU/AU]; 51 Hovia Terrace, Kensington, Western Australia 6151 (AU).

(74) **GRIFFITH HACK**; 509 St Kilda Road, Melbourne, VIC 3004 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C21B 13/00, 5/00, 11/00

(11) WO 2004/090175 (13) A1

(21) PCT/JP2004/002922

(22) 5 Mar/mar 2004 (05.03.2004)

(25) ja (26) ja

(30) 2003-105454 9 Apr/avr 2003 JP (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR PRODUCING IMPROVED COAL FOR USE IN METALLURGY, AND METHOD FOR PRODUCING REDUCED METAL AND SLAG CONTAINING OXIDIZED NON-FERROUS METAL

• PROCEDE DE PRODUCTION DE CHARBON AMELIORE UTILISE EN METALLURGIE, ET PROCEDE DE PRODUCTION D'UN METAL NON FERREUX OXYDE A FAIBLE TENEUR EN METAL ET SCORIE

(71) **KABUSHIKI KAISHA KOBE SEIKO SHO** [JP/JP]; 10-26, Wakinohamacho 2-chome, Chuo-ku, Kobe-shi Hyogo, 6518585 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARADA, Takao** [JP/JP]; C/o Kabushiki Kaisha Kobe Seiko Sho, 10-26, Wakinohamacho 2-chome, Chuo-ku, Kobe-shi, Hyogo, 6518585 (JP). **TANAKA, Hidetoshi** [JP/JP]; C/o Kabushiki Kaisha Kobe Seiko Sho, 10-26, Wakinohamacho 2-chome, Chuo-ku, Kobe-shi, Hyogo, 6518585 (JP). **KOBAYASHI, Isao** [JP/JP]; C/o Kabushiki Kaisha Kobe Seiko Sho, 10-26, Wakinohamacho 2-chome, Chuo-ku, Kobe-shi, Hyogo, 6518585 (JP). **OKUYAMA, Noriyuki** [JP/JP]; C/o Takasago Works In Kabushiki Kaisha Kobe Seiko Sho, 3-1, Shinhamo 2-chome, Araicho, Takasago-shi, Hyogo, 6768670 (JP). **SHIGEHISA, Takuo** [JP/JP]; C/o Takasago Works In Kabushiki Kaisha Kobe Seiko Sho, 3-1, Shinhamo 2-chome, Araicho, Takasago-shi, Hyogo, 6768670 (JP).

(74) **KOTANI, Etsuji et al.** / etc.; Nichimen Building 2nd Floor, 2-2, Nakanoshima

2-chome, Kita-ku, Osaka-shi, Osaka, 5300005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C22B 3/04, 3/14, 23/00

(11) WO 2004/090176 (13) A1

(21) PCT/AU2004/000475

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 2003901727 11 Apr/avr 2003 AU (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • REDUCTIVE AMMONIACAL LEACHING OF NICKEL AND COBALT BEARING MATERIALS

• LIXIVATION AMMONIACALE REDUCTRICE DE MATERIAUX A TENEUR EN NICKEL ET EN COBALT

(71) **BHP BILLITON SSM TECHNOLOGY PTY LTD** [AU/AU]; Level 14, Riverside Centre, 123 Eagle Street, Brisbane, Queensland 4001 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDERSON, Peter, Allan** [AU/AU]; 41 Gladstone Street, Pimlico, Queensland 4812 (AU). **FISHER, Mark** [AU/AU]; c/- Level 14, Riverside Centre, 123 Eagle Street, Brisbane, Queensland 4001 (AU). **FITTOCK, John, Ernest** [AU/AU]; 22 Boronia Drive, Annandale, Queensland 4814 (AU). **HULTGREN, Victoria, Margaret** [GB/AU]; 9 Sandalan Court, Bushland Beach, Queensland 4818 (AU). **JONES, Erin, Maree** [AU/AU]; 8/10 Lower River Tee, South Brisbane, Queensland 4101 (AU). **MESSENGER, Robert, Bruce** [AU/AU]; 15 Silkwood Street, Kirwan, Queensland 4817 (AU). **MORONEY, Adam, Sean** [AU/AU]; 72 Roxburgh Street, Stockton, New South Wales 2295 (AU).

(74) **PHILLIPS ORMONDE & FITZPATRICK**; 367 Collins Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C22B 9/00, 9/05, 21/06, 26/22

(11) WO 2004/090177 (13) A1

(21) PCT/US2004/007179

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 10/394,852 22 Mar/mar 2003 US (22.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROCESSING MOLTEN REACTIVE METALS AND ALLOYS USING FLUOROCARBONS AS COVER GAS

• UTILISATION DE FLUOROCARBURES COMME GAZ DE COUVERTURE POUR LE TRAITEMENT DE METAUX ET D'ALLIAGE REACTIFS EN FUSION

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **MILBRATH, Dean, S.**; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **OWENS, John, G.**; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **JORDAN, Robert, H. et al.** / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ C22B 11/00, 3/20, 3/44

(11) WO 2004/090178 (13) A1

(21) PCT/IB2004/001102

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) PCT/AU03/00435 11 Apr/avr 2003 AU (11.04.2003)

(30) 2003/5682 23 Jul/juil 2003 ZA (23.07.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • RECOVERY OF PLATINUM GROUP METALS

• EXTRACTION DE METAUX DU GROUPE DU PLATINE

- (71) LONMIN PLC [GB/GB]; 4 Grosvenor Place, LONDON Greater London SW1X 7YL (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BAX, Alan [AU/AU]; Unit 14, 1329 Hay Street, WEST PERTH, Western Australia (AU). DUNN, Grenvil, Marquis [ZA/ZA]; 37 Maskew Street, Rowhill, 1559 SPRINGS (ZA). LEWINS, John, Derek [AU/AU]; 9 Cowrie Crescent, MOUNT PLEASANT (AU).
- (74) GILSON, David, Grant et al. / etc.; Spoor & Fisher, PO Box 41312, 2024 Craighall (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C22B 34/22
(11) WO 2004/090179 (13) A1
(21) PCT/KR2004/000742
(22) 31 Mar/mar 2004 (31.03.2004)
(25) en (26) en
(30) 10-2003-0023043 11 Apr/avr 2003 KR (11.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • METHOD OF RECOVERING VANADIUM OXIDE FLAKE FROM DIESEL OIL FLY-ASH OR ORIMULSION FLY-ASH
• METHODE DE RECUPERATION DE COPEAUX D'OXYDE DE VANADIUM A PARTIR DE CENDRES VOLANTES DE CARBURANT DIESEL OU DE CENDRES VOLANTES D'ORIMULSION
- (71) KOREA AGENCY OF ENVIRONMENT [KR/KR]; 324-4, Wollae-dong, Yeosu-si, Jeollanam-do 555-260 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHOI, Young-Ki [KR/KR]; 324-4, Ansan-dong, Yeosu-si, Jeollanam-do 555-050 (KR). PARK, Kyung-Ho [KR/KR]; #8-1508, Sujong Town Apts., Dunsan 2-dong, Seo-gu, Daejeon-si 302-775 (KR). KIM, Dae-Hoo [KR/KR]; #607-908 Jugong Apts., 185, Gaepo 3-dong, Gangnam-gu, Seoul 135-802 (KR). HAN, Sin-Won [KR/KR]; #102-1306 Hyundai Apts., Hadae-dong, Jinju-si, Gyeongsangnam-do 660-330 (KR). LIM, Jong-Nam [KR/KR]; #202-803 Hyundai Apts., Daegwang Town, Banghak-dong, Dobong-gu, Seoul 132-020 (KR). HAN, Park-Hyun [KR/KR]; #101-1506 Hyundai Apts., Hadae-dong, Jinju-si, Gyeongsangnam-do 660-330 (KR). CHOI, Ji-Hun [KR/KR]; #805-603 Wonang Apts., Munsu-dong, Yeosu-si, Jeollanam-do 550-765 (KR).
- (74) YOUN, Kyu-Cheol; New-Tech International Patent & Law Office, 10th Floor, Teheran Building, 825-33, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C22C 5/02, 5/04, C22F 1/14, A44C 27/00
(11) WO 2004/090180 (13) A1
(21) PCT/JP2004/004996
(22) 7 Apr/avr 2004 (07.04.2004)
(25) ja (26) ja
(30) 2003-104462 8 Apr/avr 2003 JP (08.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • WHITE NOBLE METAL ALLOY AND METHOD FOR PRODUCTION THEREOF
• ALLIAGE DE METAUX NOBLES BLANCS ET LEUR PROCEDE DE PRODUCTION
- (71) KABUSHIKI KAISHA PILOT CORPORATION [JP/JP]; 6-21, Kyobashi 2-chome, Chuo-ku, Tokyo 104-8304 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TOYOTA, Kunihiko [JP/JP]; c/o Kabushiki Kaisha Pilot Corporation Hiratsuka F, actory, 4-3, Nishiyahata 1-chome, Hiratsuka-shi, Kanagawa 254-8585 (JP). SEKI, Junichi [JP/JP]; c/o Kabushiki Kaisha Pilot Corporation Hiratsuka F, actory, 4-3, Nishiyahata 1-chome, Hiratsuka-shi, Kanagawa 254-8585 (JP).
- (74) ARAFUNE, Hiroshi et al. / etc.; c/o Koyo International Patent and Law Firm, 5F., Nikko Kagurazaka Bldg., 18, Iwatocho, Shinjuku-ku, Tokyo 162-0832 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C22C 9/10, 9/02, 9/04
(11) WO 2004/090181 (13) A1
(21) PCT/JP2004/004757
- (22) 1 Apr/avr 2004 (01.04.2004)
(25) ja (26) ja
(30) 2003-107073 10 Apr/avr 2003 JP (10.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • COPPER BASE ALLOY
• ALLIAGE A BASE DE CUIVRE
- (71) KITZ CORPORATION [JP/JP]; 10-1, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 2618577 (JP).
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- (72, 75) KUROSE, Kazuhito [JP/JP]; c/o Kitz Corporation Nagasaka Factory, 2040, Nagasaka-Kamijo, Nagasaka-cho, Kitakoma-gun, Yamanashi 4088515 (JP). OZASA, Tomoyuki [JP/JP]; c/o Kitz Corporation Nagasaka Factory, 2040, Nagasaka-Kamijo, Nagasaka-cho, Kitakoma-gun, Yamanashi 4088515 (JP). MATSUO, Masaki [JP/JP]; c/o Kitz Corporation Nagasaka Factory, 2040, Nagasaka-Kamijo, Nagasaka-cho, Kitakoma-gun, Yamanashi 4088515 (JP). TERUI, Hisanori [JP/JP]; c/o Kitz Corporation Nagasaka Factory, 2040, Nagasaka-Kamijo, Nagasaka-cho, Kitakoma-gun, Yamanashi 4088515 (JP). KAWANISHI, Rokuro [JP/JP]; 3-3-8-102, Park Town, 3-3, Sengendai Nishi, Koshigaya-shi, Saitama 3430041 (JP).
- (74) KOBAYASHI, Tetsuo; 7F1. Onarimon Annex Bldg., 17-2, Shimbashi 6-chome, Minato-ku, Tokyo 1050004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C22C 16/00, 1/10, B22F 9/02
(11) WO 2004/090182 (13) A1
(21) PCT/JP2003/004416
(22) 7 Apr/avr 2003 (07.04.2003)
(25) ja (26) ja
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • HYDROGEN STORAGE ALLOY MATERIAL AND PROCESS FOR PRODUCING THE SAME
• MATERIAU D'ALLIAGE DESTINE AU STOCKAGE D'HYDROGENE ET SON PROCEDE DE PRODUCTION
- (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)
- (71, 72) ARATA, Yoshiaki [JP/JP]; 247, Sho-nomoto, Mikage-cho, Higashinada-ku, Kobe-shi, Hyogo 658-0056 (JP).

(72, 75) INOUE, Akihisa [JP/JP]; 11-806, Kawauchi-Jyutaku, 35, Kawauchi Moto-hasekura, Aoba-ku, Sendai-shi, Miyagi 980-0861 (JP). KIMURA, Hisamichi [JP/JP]; 44, Aza Fujihirabashi, Arahama, Watarimachi, Watari-gun, Miyagi 989-2311 (JP).

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(81) CA US.

(51)⁷ C22C 21/00, C22F 1/053

(11) WO 2004/090183 (13) A1

(21) PCT/EP2004/003997

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 03076049.0 10 Apr/avr 2003 EP (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HIGH STRENGTH AL-ZN ALLOY AND METHOD FOR PRODUCING SUCH AN ALLOY PRODUCT

• PRODUIT D'ALLIAGE AL-ZN A HAUTE RESISTANCE ET PROCEDE DE PRODUCTION DE CE PRODUIT D'ALLIAGE AL-ZN

(71) CORUS ALUMINIUM WALZPRODUKTE GMBH [DE/DE]; Carl-Spaeter-Strasse 10, 56070 Koblenz (DE).

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(72, 75) BENEDICTUS, Rinze [NL/NL]; Dr. Schaepmansstraat 5, NL-2612 PJ Delft (NL). KEIDEL, Christian, Joachim [DE/DE]; Burgstrasse 9, 56410 Montabaur (DE). HEINZ, Alfred, Ludwig [DE/DE]; Im Heidenhof 6, 56414 Niederahr (DE).

(74) VAN DER DONK, Henricus, Matheus; Corus Technology BV, P.O. Box 10000, NL-1970 CA Ijmuiden (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C22C 21/06, C22F 1/047, B21B 3/00

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(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 03008147.5 8 Apr/avr 2003 EP (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FLAT, ROLLED SEMI-FINISHED PRODUCT MADE OF AN ALUMINIUM ALLOY

• SEMI-PRODUIT PLAT, LAMINE, EN ALLIAGE D'ALUMINIUM

(71) HYDRO ALUMINIUM DEUTSCHLAND GMBH [DE/DE]; Ettore-Bugatti-Str. 6-14, 51149 Köln (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MROTZEK, Manfred [DE/DE]; Lupinenkamp 4, 21614 Buxtehude (DE). KEHL, Werner [DE/DE]; Im Winkel 40, 21635 Jork (DE).

(74) COHAUSZ & FLORACK; Bleichstrasse 14, 40211 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C22C 21/10, C22F 1/053

(11) WO 2004/090185 (13) A1

(21) PCT/EP2004/003994

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 03076048.2 10 Apr/avr 2003 EP (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AN AL-ZN-MG-CU ALLOY

• ALLIAGE AL-ZN-MG-CU

(71) CORUS ALUMINIUM WALZPRODUKTE GMBH [DE/DE]; Carl-Spaeter-Strasse 10, 56070 Koblenz (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BENEDICTUS, Rinze [NL/NL]; Dr. Schaepmansstraat 5, NL-2612 PJ Delft (NL). KEIDEL, Christian, Joachim [DE/DE]; Burgstrasse 9, 56410 Montabaur (DE). HEINZ, Alfred, Ludwig [DE/DE]; Im Heidenhof 6, 56414 Niederahr (DE). TELIOUI, Nedja [NL/NL]; Letlandsestraat 26C, NL-3028 EE Rotterdam (NL).

(74) VAN DER DONK, Henricus, Matheus; Corus Technology BV, P.O. Box 10000, NL-1970 CA Ijmuiden (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C22C 21/12, C22F 01/057, B21C 25/02

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(21) PCT/JP2004/004767

(22) 1 Apr/avr 2004 (01.04.2004)

(25) ja (26) ja

(30) 2003-103121 7 Apr/avr 2003 JP (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HIGH-STRENGTH ALUMINUM-ALLOY EXTRUDED MATERIAL WITH EXCELLENT CORROSION RESISTANCE AND METHOD OF PRODUCING THE SAME

• MATERIAU EXTRUDE A BASE D'ALLIAGE D'ALUMINIUM A HAUTE RESISTANCE PRESENTANT UNE EXCELLENTE RESISTANCE A LA CORROSION ET SON PROCEDE DE PRODUCTION

(71) THE SOCIETY OF JAPANESE AEROSPACE COMPANIES [JP/JP]; 1-14, Akasaka 1-chome, Minato-ku, Tokyo 1070052 (JP). KAWASAKI JUKOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 6508670 (JP). SUMITOMO LIGHT METAL INDUSTRIES, LTD. [JP/JP]; 11-3, Shinbashi 5-chome, Minato-ku, Tokyo 1058601 (JP).

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(72, 75) SANO, Hideo [JP/JP]; c/o Sumitomo Light Metal Industries, Ltd., 11-3, Shinbashi 5-chome, Minato-ku, Tokyo 1058601 (JP). YOSHINO, Yasuaki [JP/JP]; 181, Tsutsujigaoka 2-chome, Kakamigahara-shi, Gifu 5090131 (JP).

(74) FUKUDA, Yasuo et al. / etc.; Hongo Bldg.-5F, 1-16, Kanda Suda-cho, Chiyoda-ku, Tokyo 1010041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C22C 38/00, 38/58, C23C 2/06, 2/02, C21D 9/56, 1/26, 1/76

(11) WO 2004/090187 (13) A1

(21) PCT/JP2004/004546

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-106210 10 Apr/avr 2003 JP (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HOT-DIP ZINC COATED STEEL SHEET HAVING HIGH STRENGTH AND METHOD FOR PRODUCTION THEREOF

• FEUILLE D'ACIER GALVANISEE A RESISTANCE ELEVEE ET SON PROCEDE DE PRODUCTION

(71) NIPPON STEEL CORPORATION [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo, 1008071 (JP). USINOR [FR/FR]; Immeuble "La Pacific", La Defense 7, 11/13, Cours Valmy, Puteaux, F-92800 (FR).

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(72, 75) IKEMATSU, Yoichi [JP/JP]; c/o NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba, 2938511 (JP). TANAKA, Koki [JP/JP]; c/o NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba, 2938511 (JP). HAYASHI, Shunichi [JP/JP]; c/o NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba, 2938511 (JP). SAWADA, Hideaki [JP/JP]; c/o NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba, 2938511 (JP). TAKAHASHI, Akira [JP/JP]; c/o NIPPON STEEL CORPORATION KIMITSU WORKS, 1, Kimitsu, Kimitsu-shi, Chiba, 2991141 (JP). HONDA, Kazuhiko [JP/JP]; c/o NIPPON STEEL CORPORATION KIMITSU WORKS, 1, Kimitsu, Kimitsu-shi, Chiba, 2991141 (JP). SUEHIRO, Masayoshi [JP/JP]; c/o NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba, 2938511 (JP). TAKADA, Yoshihisa [JP/JP]; c/o NIPPON STEEL CORPORATION YAWATA WORKS, 1-1, Tobihatacho, Tobata-ku, Kitakyushu-shi, Fukuoka, 8048501 (JP).

(74) AOKI, Atsushi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon, 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo, 1058423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C23C

(11) WO 2004/090188 (13) A2

(21) PCT/US2004/010453

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,191 3 Apr/avr 2003 US (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • EXTRUDED MOLTEN POLYMERIC FILM BONDING OF SOLID POLYMERIC FILM TO FLAT-ROLLED SHEET METAL CONTINUOUS STRIP

• LIAISON D'UN FILM POLYMERIQUE ET D'UNE BANDE CONTINUE DE FEUILLE PLATE-ENROULEE PAR UN FILM POLYMERIQUE FONDU EXTRUDE

(71) WEIRTON STEEL CORPORATION [US/US]; 400 Three Springs Drive, Weirton, WV 26062 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SINSEL, John, A. [US/US]; 109 Ivy Street, Weirton, WV 26062 (US). LOEN, Mark, V. [US/US]; 509 Lauretta Drive, Steubenville, OH 43952 (US). BAILEY, Michael, S. [US/US]; 146 Hamilton Road, Landenberg, PA 19350 (US).

(74) BAKER, Raymond, N. et al. / etc.; Shanley and Baker, 2233 Wisconsin Avenue, N.W., Suite 235, Washington, DC 20007 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C23C 2/00, 2/24, 2/40

(11) WO 2004/090189 (13) A1

(21) PCT/EP2004/002786

(22) 18 Mar/mar 2004 (18.03.2004)

(25) de (26) de

(30) 103 16 137.6 9 Apr/avr 2003 DE (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND DEVICE FOR COATING A METAL BAR BY HOT DIPPING

• PROCEDE ET DISPOSITIF DE REVELEMENT D'UNE BARRE DE METAL PAR IMMERSION A CHAUD

(71) SMS DEMAG AKTIENGESELLSCHAFT [DE/DE]; Eduard-Schloemann-Strasse 4, 40237 Düsseldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRISBERGER, Rolf [DE/DE]; Am Tapp 17, 47661 Issum (DE). TENCKHOFF, Bernhard [DE/DE]; Am Geistfeld 36, 47239 Duisburg (DE). BEHRENS, Holger [DE/DE]; Neuenhausstrasse 44, 40699 Erkrath (DE). HARTUNG, Hans-Georg [DE/DE]; Schlehenweg 12, 50259 Pulheim (DE). TRAKOWSKI, Walter [DE/DE]; Sanddornwegstrasse 42, 47269 Duisburg (DE). ZIELENBACH, Michael [DE/DE]; Ahlstrasse 22, 57074 Siegen (DE).

(74) VALENTIN, Ekkehard; Valentin, Gihcke, Grosse, Hammerstrasse 2, 57072 Siegen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C23C 2/24

(11) WO 2004/090190 (13) A1

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(22) 18 Mar/mar 2004 (18.03.2004)

(25) de (26) de

(30) 103 16 138.4 9 Apr/avr 2003 DE (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND DEVICE FOR HOT DIP COATING A METAL STRAND

• PROCEDE ET DISPOSITIF DE REVELEMENT D'UNE BARRE DE METAL PAR IMMERSION A CHAUD

(71) SMS DEMAG AKTIENGESELLSCHAFT [DE/DE]; Eduard-Schloemann-Strasse 4, 40237 Düsseldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRISBERGER, Rolf [DE/DE]; Am Tapp 17, 47661 Issum (DE). TENCKHOFF, Bernhard [DE/DE]; Am Geistfeld 36, 47239 Duisburg (DE). BEHRENS, Holger [DE/DE]; Neuenhausstrasse 44, 40699 Erkrath (DE). HARTUNG, Hans, Georg [DE/DE]; Schlehenweg 12, 50259 Pulheim (DE). TRAKOWSKI, Walter [DE/DE]; Sanddornwegstrasse 42, 47269 Duisburg (DE). ZIELENBACH, Michael [DE/DE]; Ahlstrasse 22, 57074 Siegen (DE).

(74) VALENTIN, Ekkehard; c/o Patentanwälte Hemmerich . Valentin . Gihcke . Grosse, Hammerstrasse 2, 57072 Siegen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C23C 14/02, 14/08, 16/02, 16/40, 28/00

(11) WO 2004/090191 (13) A1

(21) PCT/JP2004/003813

(22) 22 Mar/mar 2004 (22.03.2004)

- (25) ja (26) ja
- (30) 2003-102019 4 Apr/avr 2003 JP
(04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR PREPARING ALUMINA COATING FILM COMPRISING α -TYPE CRYSTAL STRUCTURE AS PRIMARY CRYSTAL STRUCTURE AND METHOD FOR MANUFACTURING MEMBER COATED WITH LAMINATED COATING FILM
- PROCEDE DE PREPARATION D'UN FILM DE REVETEMENT D'ALUMINE COMPRENANT UNE STRUCTURE CRISTALLINE DE TYPE SG(A) COMME STRUCTURE CRISTALLINE PRINCIPALE ET PROCEDE DE FABRICATION D'UN ELEMENT REVETU AU MOYEN DU FILM DE REVETEMENT STRATIFIE
- (71) KABUSHIKI KAISHA KOBE SEIKO SHO [JP/JP]; 10-26, Wakinohamacho 2-chome, Chuo-ku, Kobe-shi, Hyogo 6518585 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAMAGAKI, Hiroshi [JP/JP]; c/o Takasago Works in KABUSHIKI KAISHA KOBE SEIKO SHO, 3-1, Shinhamma 2-chome, Araicho, Takasago-shi, Hyogo 6768670 (JP). KOHARA, Toshimitsu [JP/JP]; c/o Takasago Works in KABUSHIKI KAISHA KOBE SEIKO SHO, 3-1, Shinhamma 2-chome, Araicho, Takasago-shi, Hyogo 6768670 (JP). SATO, Toshiki [JP/JP]; c/o Kobe Corporate Research Laboratories in KABUSHIKI KAISHA KOBE SEIKO SHO, 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 6512271 (JP).
- (74) KOTANI, Etsuji et al. / etc.; Nichimen Building 2nd Floor, 2-2, Nakanoshima 2-chome, Osaka-shi, Osaka 530-0005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C23C 14/24, 14/56
- (11) WO 2004/090192 (13) A1
- (21) PCT/IB2004/001095
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) fr (26) fr
- (30) 03/04373 9 Apr/avr 2003 FR
(09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FACILITY AND METHOD FOR DEPOSITING A FUNCTIONAL COATING ON LOOSE PARTS
- INSTALLATION ET PROCEDE POUR LA REALISATION D'UN REVETEMENT FONCTIONNEL SUR DES PIECES EN VRAC
- (71) METATHERM S.A.S.U. [FR/FR]; Rue de la Craye, F-25150 Vermondans (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BERGMANN, Erich [CH/CH]; 4, rue de l'Encyclopédie, CH-1201 Genève (CH). FERRY, Serge [FR/FR]; 1, rue des Myosotis, F-25110 Baume les Dames (FR). GAUTHIER, Roger [FR/FR]; 14, chemin de Fresse, F-25440 Charnay (FR).
- (74) NITHARDT, Roland; Cabinet Nithardt et Associés S.A., B.P. 1445, F-68071 Mulhouse Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ C23C 14/34, C22F 1/18
- (11) WO 2004/090193 (13) A1
- (21) PCT/JP2004/001915
- (22) 19 Feb/fév 2004 (19.02.2004)
- (25) ja (26) ja
- (30) 2003-97659 1 Apr/avr 2003 JP
(01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • TANTALUM SPATTERING TARGET AND METHOD OF MANUFACTURING THE SAME
- CIBLE DE MOUCHETAGE DE TANTALE ET SON PROCEDE DE FABRICATION
- (71) NIKKO MATERIALS CO., LTD. [JP/JP]; 10-1, Toranomom 2-chome, Minato-ku, Tokyo 105-0001 (JP).
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- (72, 75) ODA, Kunihiko [JP/JP]; c/o Isohara Factory of, Nikko Materials Co., Ltd., 187-4, Usuba, Hanakawa-cho, Kitaibaraki-shi, Ibaraki 319-1535 (JP). FUKUSHIMA, Atsushi [JP/JP]; c/o Isohara Factory of, Nikko Materials Co., Ltd., 187-4, Usuba, Hanakawa-cho, Kitaibaraki-shi, Ibaraki 319-1535 (JP).
- (74) OGOSHI, Isamu; Ogoshi International Patent Office, Toranomom 9 Mori Bldg. 3F, 2-2, Atago 1-chome, Minato-ku, Tokyo 105-0002 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C23C 16/24, 16/56, H01L 21/20
- (11) WO 2004/090195 (13) A1
- (21) PCT/JP2004/004935
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(30) 2003-102481 7 Apr/avr 2003 JP
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CRYSTALLINE-SI-LAYER-BEARING SUBSTRATE AND ITS PRODUCTION METHOD, AND CRYSTALLINE SI DE-VICE

• SUBSTRAT DE SUPPORT DE COUCHE DE SI CRISTALLIN ET SA METHODE DE PRODUCTION, AINSI QUE DISPOSITIF DE SI CRISTALLIN ASSOCIE

(71) FUJI PHOTO FILM CO. LTD. [JP/JP]; 210 Nakanuma, Minami-Ashigara-shi, Kanagawa, 2500193 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARAKI, Yasushi [JP/JP]; c/o Fuji Photo Film Co., Ltd. 210 Nakanuma, Minami-Ashigara-shi, Kanagawa, 2500193 (JP).

(74) TAKAISHI, Kitsuma; 67, Kagurazaka 6-chome, Shinjuku-ku, Tokyo, 1620825 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C23C 22/20, 22/06

(11) WO 2004/090196 (13) A1

(21) PCT/JP2004/004871

(22) 2 Apr/avr 2004 (02.04.2004)

(25) ja (26) ja

(30) 2003-106998 10 Apr/avr 2003 JP
(10.04.2003)

(30) 2004-045095 20 Feb/fév 2004 JP
(20.02.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SURFACE-TREATED, ZINC-PLATED STEEL SHEET HAVING EXCELLENT RESISTANCE TO TAPE PEELING, METHOD FOR PRODUCING SAME, AND SURFACE TREATMENT AGENT

• TOLE D'ACIER ZINGUEE ET TRAITEE EN SURFACE PRESENTANT UNE EXCELLENTE RESISTANCE A L'ECAILLAGE, PROCEDE DE PRODUCTION DE CELLE-CI ET AGENT DE TRAITEMENT DE SURFACE

(71) KABUSHIKI KAISHA KOBE SEIKO SHO [JP/JP]; 10-26, Wakinohamacho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 (JP).

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(72, 75) OKUMURA, Kazuo [JP/JP]; c/o Kakogawa Works in Kabushiki Kaisha Kobe Seiko Sho, 1, Kanazawacho, Kakogawa-shi, Hyogo 675-0137 (JP). NAKAMOTO, Tadashige [JP/JP]; c/o Kakogawa Works in Kabushiki

Kaisha Kobe Seiko Sho, 1, Kanazawacho, Kakogawa-shi, Hyogo 675-0137 (JP). KAJITA, Tomio [JP/JP]; c/o Kakogawa Works in Kabushiki Kaisha Kobe Seiko Sho, 1, Kanazawacho, Kakogawa-shi, Hyogo 675-0137 (JP). IMAHORI, Masashi [JP/JP]; c/o Kakogawa Works in Kabushiki Kaisha Kobe Seiko Sho, 1, Kanazawacho, Kakogawa-shi, Hyogo 675-0137 (JP). AZUMA, Yohei [JP/JP]; c/o Kobelco Research Institute, Inc., 1, Kanazawacho, Kakogawa-shi, Hyogo 675-0137 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C25D 1/04

(11) WO 2004/090197 (13) A1

(21) PCT/JP2004/004927

(22) 5 Apr/avr 2004 (05.04.2004)

(25) ja (26) ja

(30) 2003-100647 3 Apr/avr 2003 JP
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ELECTROLYTIC COPPER FOIL WITH LOW ROUGHNESS SURFACE AND PROCESS FOR PRODUCING THE SAME

• FEUILLE DE CUIVRE ELECTROLYTIQUE PRESENTANT UNE SURFACE DE FAIBLE RUGOSITE ET PROCEDE DE PRODUCTION ASSOCIE

(71) FUKUDA METAL FOIL & POWDER CO., LTD. [JP/JP]; 176, Nakanono-cho, Matsubadori Muromachi Nishiiru, Shimogyo-ku, Kyoto-shi, Kyoto 600-8435 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SANO, Yasushi [JP/JP]; 2-21-1, Matsugaoka, Takatsuki-shi, Osaka 569-1031 (JP). SAKON, Kaoru [JP/JP]; Fukuda Apartment No.103, 7, Hananoki-cho, Kurisuno, Yamashina-ku, Kyoto-shi, Kyoto 607-8204 (JP). AKAMINE, Naoshi [JP/JP]; Hananoki Dormitory No.308, 7, Hananoki-cho, Kurisuno, Yamashina-ku, Kyoto-shi, Kyoto 607-8204 (JP).

(74) ANDO, Junichi; Saitomiyako Bldg. 6F, 546, Nijoden-cho, Karasumadori Oike Agarū, Nakagyo-ku, Kyoto-shi, Kyoto 604-0845 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)⁷ C25D 5/12

(11) WO 2004/090198 (13) A2

(21) PCT/EP2004/003794

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 103 16 612.2 11 Apr/avr 2003 DE
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ELECTROLYTICALLY COATED COLD-ROLLED STRIP, PREFERABLY TO BE USED FOR THE PRODUCTION OF BATTERY SHELLS, AND METHOD FOR COATING THE SAME

• FEUILLARD LAMINE A FROID ET REVETU PAR VOIE ELECTROLYTIQUE, DE PREFERENCE DESTINE A LA PRODUCTION DE DOUILLES DE BATTERIES ET SON PROCEDE DE REVETEMENT

(71) HILLE & MÜLLER GMBH [DE/DE]; Am Trippelsberg 48, 40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOSSLERS, Helmut [DE/DE]; Frankenmühle 14A, 41366 Schwalmtal (DE). STROTBEEK, Tilman [DE/DE]; Haus-Endt-Strasse 108, 40593 Düsseldorf (DE).

(74) STENGER, WATZKE & RING; Kaiser-Friedrich-Ring 70, 40547 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C25D 5/20, 5/02, 7/12

(11) WO 2004/090199 (13) A1

(21) PCT/US2004/009806

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,376 31 Mar/mar 2003 US
(31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ELECTROCHEMICAL PARTICLE COATING METHOD AND DEVICES THEREFROM

- PROCEDE ELECTROCHIMIQUE DE FORMATION D'UN REVETEMENT SUR DES PARTICULES, ET DISPOSITIFS ASSOCIES

(71) UNIVERSITY OF FLORIDA [US/US]; 223 Grinter Hall, P.O. Box 115500, Gainesville, FL 32611-5500 (US).

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(72) SINGH, Rajiv, K.; 8615 S.W. 19th Road, Gainesville, FL 32607 (US). CHOI, Han-Ho; 2919 S.W. 13th Street, #98, Gainesville, FL 32608 (US).

(74) JETTER, Neil, R.; Akerman Senterfitt, 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C25D 21/12

(11) WO 2004/090200 (13) A1

(21) PCT/EP2003/010787

(22) 27 Sep/sep 2003 (27.09.2003)

(25) de (26) de

(30) 102 46 467.7 4 Oct/oct 2002 DE (04.10.2002)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ALLOY DEPOSITION CONTROLLED BY A CHARACTERISTIC DIAGRAM

- DEPOT D'ALLIAGES COMMANDE PAR CHAMP CARACTERISTIQUE

(71) EHRFELD MIKROTECHNIK AG [DE/DE]; Mikroforum Ring 1, 55234 Wendelsheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EHRFELD, Wolfgang [DE/DE]; Kehlweg 22, 55124 Mainz (DE). HERBSTRIIT, Frank [DE/DE]; Weinheimer Landstrasse 9a, 55232 Alzey (DE). NIKOLOVSKA, Elisabeth [DE/DE]; Im Wiesbachtal 6, 55234 Wendelsheim (DE). SALMON, Alexander [DE/DE]; Weinheimer Landstrasse 9A, 55232 Alzey (DE). SCHRÖDER, Klaus, Dieter [DE/DE]; Herderstrasse 25, 65185 Wiesbaden (DE).

(74) MEYER-DULHEUER, Karl-Hermann; Metzlerstrasse 27, 60594 Frankfurt am Main (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C30B

(11) WO 2004/090201 (13) A2

(21) PCT/FR2004/000740

(22) 25 Mar/mar 2004 (25.03.2004)

(25) fr (26) fr

(30) 0303928 31 Mar/mar 2003 FR (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR THE PRODUCTION OF MONOCRYSTALLINE CRYSTALS

- PROCEDE DE FABRICATION DE CRISTAUX MONOCRISTALLINS

(71) S.O.I. TEC SILICON ON INSULATOR TECHNOLOGIES [FR/FR]; Parc Technologique des Fontaines, F-38190 BERNIN (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LETERTRE, Fabrice [FR/FR]; 33 Quai Jongkind, F-38000 GRENOBLE (FR).

(74) JOLY, Jean-Jacques et al. / etc.; CABINET BEAU DE LOMENIE, 158 RUE DE L'UNIVERSITE, F-75340 PARIS CEDEX 07 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C30B 29/16, 7/10

(11) WO 2004/090202 (13) A1

(21) PCT/JP2004/004850

(22) 2 Apr/avr 2004 (02.04.2004)

(25) ja (26) ja

(30) 2003-100861 3 Apr/avr 2003 JP (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ZINC OXIDE SINGLE CRYSTAL

- MONOCRISTAL D'OXYDE DE ZINC

(71) MITSUBISHI CHEMICAL CORPORATION [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP). TOKYO

DENPA CO., LTD. [JP/JP]; 6-11, Chuo 5-chome, Ota-ku, Tokyo 143-0024 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOSHIOKA, Kenji [JP/JP]; c/o Tokyo Denpa Co., Ltd., 6-11, Chuo 5-chome, Ota-ku, Tokyo 143-0024 (JP). YONEYAMA, Hiroshi [JP/JP]; c/o Tokyo Denpa Co., Ltd., 6-11, Chuo 5-chome, Ota-ku, Tokyo 143-0024 (JP). MAEDA, Katsumi [JP/JP]; c/o Tokyo Denpa Co., Ltd., 6-11, Chuo 5-chome, Ota-ku, Tokyo 143-0024 (JP). NI-IKURA, Ikuro [JP/JP]; c/o Tokyo Denpa Co., Ltd., 6-11, Chuo 5-chome, Ota-ku, Tokyo 143-0024 (JP). SATO, Mitsuru [JP/JP]; c/o Tokyo Denpa Co., Ltd., 6-11, Chuo 5-chome, Ota-ku, Tokyo 143-0024 (JP). ITO, Masumi [JP/JP]; c/o Mitsubishi Chemical Group Science and Technology Research Center, Inc., 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 13th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C30B 29/38, H01L 41/107, H03H 9/17

(11) WO 2004/090203 (13) A1

(21) PCT/JP2004/005052

(22) 8 Apr/avr 2004 (08.04.2004)

(25) ja (26) ja

(30) 2003-106549 10 Apr/avr 2003 JP (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ALUMINUM NITRIDE THIN FILM AND PIEZOELECTRIC THIN-FILM RESONATOR

- FILM MINCE DE NITRURE D'ALUMINIUM ET RESONATEUR A FILM MINCE PIEZOELECTRIQUE

(71) UBE INDUSTRIES, LTD. [JP/JP]; 1978-96, Oaza Kogushi, Ube-shi, Yamaguchi 755-8633 (JP). NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAGAO, Keigo [JP/JP]; c/o Ube Industries, Ltd., Ube Research Laboratory, 1978-5, Oaza Kogushi, Ube-shi, Yamaguchi 755-8633 (JP). MASUI, Eiji [JP/JP]; c/o Ube Industries, Ltd., Ube Research Laboratory, 1978-5, Oaza Kogushi, Ube-shi, Yamaguchi 755-8633 (JP). YAMADA, Tet-suo [JP/JP]; c/o Ube Industries, Ltd., Ube

- Research Laboratory, 1978-5, Oaza Kogushi, Ube-shi, Yamaguchi 755-8633 (JP). **AKIYAMA, Morito** [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology Kyushu, 807-1, Aza Nonoshita, Shukumachi, Tosu-shi, Saga 841-0052 (JP). **UENO, Naohiro** [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology Kyushu, 807-1, Aza Nonoshita, Shukumachi, Tosu-shi, Saga 841-0052 (JP). **TATEYAMA, Hiroshi** [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology Kyushu, 807-1, Aza Nonoshita, Shukumachi, Tosu-shi, Saga 841-0052 (JP).
- (74) **YAMASHITA, Johei**; **YAMASHITA & ASSOCIATES**, Toranomom 40th MT Bldg., 13-1, Toranomom 5-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **D01D**
- (11) **WO 2004/090205** (13) A2
- (21) PCT/US2004/010784
- (22) **5 Apr/avr 2004 (05.04.2004)**
- (25) en (26) en
- (30) 10/406,832 **3 Apr/avr 2003** US (03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **METHOD AND APPARATUS FOR SPINNING SPIDER SILK PROTEIN**
- **PROCEDES ET APPAREILS DE FILAGE D'UNE PROTEINE DE SOIE D'ARAIGNEE**
- (71) **NEXIA BIOTECHNOLOGIES, INC.** [CA/CA]; 1000, avenue Saint-Charles, Bloc B, Vaudreuil-Dorion, Quebec J7V 8P5 (CA). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ISLAM, Shafiu** [CA/CA]; 430 Tupper Street, Hawkesbury, Ontario K6A 3M5 (CA). **KARATZAS, Costas, N.** [GR/CA]; 251 Sherwood Road, Beaconsfield, QC H9W 2H4 (CA). **RODENHISER, Andrew** [CA/CA]; 15-6655, rue de Terrebonne, Montreal, Quebec H4B 1B7 (CA). **AL-WATTARI, Ali** [US/CA]; 18 Lakeshore #512, Point Claire, Quebec H9S 5X9 (CA). **HUANG, Yue** [CA/CA]; 116, rue de Milicien, Vaudreuil-Dorion, Quebec J7W 9M4 (CA). **TURCOTTE, Carl** [CA/CA]; 6406 Iberville, Montreal, Quebec H2G 2C4 (CA).
- (74) **CORUZZI, Laura, A. et al. / etc.**; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **D01D**
- (11) **WO 2004/090204** (13) A2
- (21) PCT/BE2004/000049
- (22) **9 Apr/avr 2004 (09.04.2004)**
- (25) en (26) en
- (30) 03447085.6 **9 Apr/avr 2003** EP (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **MULTIFILAMENT CONTINUOUS TEXTILE YARN MADE FROM A SPINNABLE NANOCOMPOSITE**
- **FIL TEXTILE CONTINU MULTIFILAMENT CONÇU A PARTIR D'UN NANOCOMPOSITE FILABLE**
- (71) **NANOCYL S.A.** [BE/BE]; Rue du Séminaire 22, B-5000 Namur (BE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DEVAUX, Eric** [FR/FR]; Avenue de la Renovation 565, F-59184 Sainghin-en-Weppes (FR). **BELLAYER, Séverine** [FR/FR]; Les Sablons, F-72210 Soulligne-Place (FR). **CHLEBICKI, Sabine** [FR/FR]; Allée des Weigélias 4, F-59253 La Gorgue (FR). **BOURBIGOT, Serge** [FR/FR]; Rue de la Paix 20, F-59650 Villeneuve D'Ascq (FR). **FONSECA, Antonio** [BE/BE]; Rue Charles de Loupoinne 15, B-1348 Louvain-la-Neuve (BE). **AL-ASSWAD, Janine** [BE/BE]; Chemin Vert 31, B-5100 Nanin (BE). **B. NAGY, Janos** [BE/BE]; Avenue du Bois Carré 5, B-5100 Jambes (BE).
- (74) **VAN MALDEREN, Joëlle et al. / etc.**; Office Van Malderen, Place Reine Fabiola 6/1, B-1083 Brussels (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE
- (30) 60/460,185 **3 Apr/avr 2003** US (03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **ROTARY PROCESS FOR FORMING UNIFORM MATERIAL**
- **PROCEDE DE FORMATION DE MATERIAU UNIFORME PAR ROTATION**
- (71) **E.I. DUPONT DE NEMOURS AND COMPANY** [US/US]; 1007 MARKET STREET, WILMINGTON, Delaware 19898 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ARMANTROUT, Jack, Eugene** [US/US]; 7415 Cheltenham Drive, Richmond, Virginia 23235 (US). **MANRING, Lewis, Edward** [US/US]; 906 General Wayne Drive, West Chester, Pennsylvania 19382 (US). **MARIN, Robert, Anthony** [US/US]; 14601 Gildenborough Drive, Middlethian, Virginia 23113 (US). **MARSHALL, Larry, R.** [US/US]; 11318 Laurel Cove Lane, Chesterfield, Virginia 23838 (US).
- (74) **STEINBERG, Thomas, W.**; E. I. DU PONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 4417 Lancaster Pike, Wilmington, DE 19805 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ **D01D 13/02, 7/00, 5/092, 5/088**
- (11) **WO 2004/090207** (13) A1
- (21) PCT/EP2004/003453
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) de (26) de
- (30) 103 15 873.1 **8 Apr/avr 2003** DE (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **DEVICE FOR SPINNING AND WINDING SYNTHETIC THREADS**
- **DISPOSITIF POUR LE FILAGE ET L'ENROULEMENT DE FILS SYNTHETIQUES**
- (71) **SAURER GMBH & CO. KG** [DE/DE]; Landgrafenstrasse 45, 41069 Mönchengladbach (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SCHRÖTER, Michael** [DE/DE]; Timmersfeld 1, 42899 Remscheid (DE).
- (74) **KAHLHÖFER, Hermann**; KNH, Karlstrasse 76, 40210 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE
- (51)⁷ **D01D 5/18, 5/11, D04H 3/16**
- (11) **WO 2004/090206** (13) A1
- (21) PCT/US2004/010421
- (22) **5 Apr/avr 2004 (05.04.2004)**
- (25) en (26) en

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ D01F 6/48, C08L 27/06, C08K 5/00, 3/00
(11) WO 2004/090208 (13) A1
(21) PCT/JP2004/004784
(22) 1 Apr/avr 2004 (01.04.2004)
(25) ja (26) ja
(30) 2003-101663 4 Apr/avr 2003 JP (04.04.2003)
(30) 2003-134604 13 May/maj 2003 JP (13.05.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • POLYVINYL CHLORIDE FIBER, PROCESS FOR PRODUCING THE SAME, AND USE THEREOF
• FIBRES PVC, PROCEDE DE PRODUCTION ET UTILISATION
- (71) DENKI KAGAKU KOGYO KABUSHIKI KAISHA [JP/JP]; 4-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-8455 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SAKURAI, Akira [JP/JP]; c/o Denki Kagaku Kogyo, Kabushiki Kaisha, 13-1, Dai 2-chome, Kamakura-shi, Kanagawa 247-8510 (JP). KANAOKA, Masamichi [JP/JP]; c/o Denki Kagaku Kogyo, Kabushiki Kaisha, 13-1, Dai 2-chome, Kamakura-shi, Kanagawa 247-8510 (JP). MOROI, Akira [JP/JP]; c/o Denki Kagaku Kogyo, Kabushiki Kaisha, 13-1, Dai 2-chome, Kamakura-shi, Kanagawa 247-8510 (JP).
- (74) MIYAKOSHI, Noriaki; Shin-ei Patent Office, 12th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6012 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ D01F 6/62, 6/92
(11) WO 2004/090209 (13) A2
(21) PCT/FR2004/000802
(22) 30 Mar/mar 2004 (30.03.2004)
(25) fr (26) fr
- (30) 03/04072 1 Apr/avr 2003 FR (01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND DEVICE FOR THE PRODUCTION OF BIODEGRADABLE THREADS OR FILAMENTS, THREADS OR FILAMENTS OBTAINED BY SAID METHOD AND CORRESPONDING APPLICATIONS
• PROCEDE ET DISPOSITIF DE FABRICATION DE FILS OU FICELLES BIODEGRADABLES, FILS OU FICELLES OBTENUS PAR CE PROCEDE ET APPLICATIONS CORRESPONDANTES
- (71) UNIVERSITE DE BRETAGNE SUD [FR/FR]; BP 921165, F-56321 LORIENT Cédex (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72) LEVESQUE, Guy (DECEDE); ***** (**).
- (72, 75) PILLIN, Isabelle [FR/FR]; Kermeur-Coataudon, F-29490 Guipavas (FR).
- (74) P. Vidon; Cabinet Vidon, 16B, rue Jouanet-BP 90333, F-35703 Rennes Cedex 7 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ D02G 1/16, D02J 1/08
(11) WO 2004/090210 (13) A1
(21) PCT/CH2004/000201
(22) 1 Apr/avr 2004 (01.04.2004)
(25) de (26) de
(30) 673/03 11 Apr/avr 2003 CH (11.04.2003)
(30) 1785/03 20 Oct/oct 2003 CH (20.10.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DEVICE FOR THE PRODUCTION OF LOOP YARN AND AIR JET TEXTURING NOZZLE
• DISPOSITIF DE FABRICATION DE FIL BOUCLETTES ET FILIERE DE TEXTURATION A JET D'AIR
- (71) HEBERLEIN FIBERTECHNOLOGY, INC. [CH/CH]; Bleikenstrasse 11, CH-9630 Wattwil (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KLEIN, Beat [CH/CH]; Steighaldestrasse 13, CH-9602 Bazenheid (CH). BERTSCH, Gotthilf [CH/CH]; Pozzistrasse 2, CH-9642 Ebnat-Kappel (CH).
- (74) ACKERMANN, Ernst; Egghalde, CH-9231 Egg-Flawil (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 1/12, H05B 3/56
(11) WO 2004/090212 (13) A1
(21) PCT/GB2004/001582
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ D03D 15/00, B29C 65/00, B26D 7/08
(11) WO 2004/090211 (13) A2
(21) PCT/GB2004/001496
(22) 7 Apr/avr 2004 (07.04.2004)
(25) en (26) en
(30) 0307933.2 7 Apr/avr 2003 GB (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • TEXTILE PRODUCT AND DEVICE FOR CUTTING SAME
• PRODUIT TEXTILE ET DISPOSITIF DE DECOUPE DE CE PRODUIT
- (71) UNIVERSITY OF MANCHESTER INSTITUTE OF SCIENCE AND TECHNOLOGY [GB/GB]; P.O. Box 88, Sackville Street, Manchester Lancashire M60 1QD (GB). FOTHERGILL ENGINEERED FABRICS LIMITED [GB/GB]; P.O. Box 1, Summit, Littleborough Lancashire OL15 0LU (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) POTLURI, Venkata, Prasad [GB/GB]; 33 Delaine Road, Withington, Manchester Lancashire M20 4QP (GB). GIDLEY, Roy, Joseph [GB/GB]; 33 Pennine Drive, Milnrow Lancashire (GB). DOWNES, Leslie [GB/GB]; 1 Whitegate, Hunger Hill, Westhoughton, Bolton Lancashire BL3 4SU (GB).
- (74) MCCALLUM, Graeme, David et al. / etc.; Lloyd Wise, McNeight & Lawrence, Highbank House, Exchange Street, Stockport Cheshire SK3 0ET (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 0308527.1 12 Apr/avr 2003 GB
(12.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HEATING ELEMENT
• ELEMENT CHAUFFANT(71) EXO2 LIMITED [GB/GB]; Adapative House, Quarrywood Court, Livingston, West Lothian EH54 6AX (GB).
(only for / seulement pour US)

(72, 75) MCANDREW, Gordon [GB/GB]; 365 Blackness Road, Dundee D2 1ST (GB).

(74) MURGITROYD & COMPANY; Scotland House, 165-169 Scotland Street, Glasgow G5 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 35/00, G06F 17/50

(11) WO 2004/090213 (13) A1

(21) PCT/JP2004/004496

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-102033 4 Apr/avr 2003 JP
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND DEVICE FOR DESIGNING KNIT
• PROCEDE ET DISPOSITIF DE CONCEPTION DE TRICOT(71) SHIMA SEIKI MANUFACTURING LIMITED [JP/JP]; 85, Sakata, Wakayama-shi, Wakayama 641-8511 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUZUKI, Noriyuki [JP/JP]; c/o Shima Seiki Manufacturing Limited, 85, Sakata, Wakayama-shi, Wakayama 641-8511 (JP).

(74) SAIKYO, Keiichiro et al. / etc.; Shikishima Building, 2-6, Bingomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D04H 1/46, 3/10, 13/00

(11) WO 2004/090214 (13) A1

(21) PCT/EP2004/050402

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) 103 16 259.3 8 Apr/avr 2003 DE
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR STITCH-BONDING OR FINISHING A MATERIAL WEB BY MEANS OF HYDRODYNAMIC NEEDLING, AND PRODUCT PRODUCED ACCORDING TO THIS METHOD

• PROCEDE DE LIAGE PAR PIQURE OU DE FINISSAGE D'UNE BANDE DE MATERIAU, PAR AIGUILLETAGE HYDRODYNAMIQUE ET PRODUIT OBTENU SELON LEDIT PROCEDE

(71) FLEISSNER GMBH [DE/DE]; Wolfsgartenstr. 6, 63329 Egelsbach (DE). SÄCHSISCHES TEXTILFORSCHUNGSINSTITUT E.V. [DE/DE]; Annaberger Str. 240, 09125 Chemnitz (DE).

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(72, 75) SCHREIBER, Jochen [DE/DE]; Paul-Bertz-Str. 75, 09120 Chemnitz (DE). BERGER, Eberhart [DE/DE]; Salzstr. 92, 09113 Chemnitz (DE). BRODTKA, Margot [DE/DE]; Friedrich-Hähnel-Str. 33, 09120 Chemnitz (DE). MÜNSTERMANN, Ullrich [DE/DE]; Leipziger Str. 33, 63329 Egelsbach (DE).

(74) NEUMANN, Gerd; Albert-Schweitzer-Str. 1, 79589 Binzen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ D04H 1/46

(11) WO 2004/090215 (13) A1

(21) PCT/JP2004/004958

(22) 6 Apr/avr 2004 (06.04.2004)

(25) ja (26) ja

(30) 2003-107064 10 Apr/avr 2003 JP
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FIBER SHEET

• FEUILLE DE FIBRES

(71) KAO CORPORATION [JP/JP]; 14-10, Nihonbashi Kayaba-cho 1-chome, Chuo-ku, Tokyo 103-8210 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAGAHARA, Shinsuke [JP/JP]; Kao Corporation, Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3497 (JP).

(74) HATORI, Osamu et al. / etc.; Akasaka HKN Bldg. 6F, 8-6, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D05B 57/14, 59/04

(11) WO 2004/090216 (13) A1

(21) PCT/CH2004/000168

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) 667/03 11 Apr/avr 2003 CH
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SEWING OR EMBROIDERY MACHINE

• MACHINE A COUDRE OU A BRODER

(71) FRITZ GEGAUF AKTIENGESELLSCHAFT BERNINA-NÄHMASCHINEN FABRIK [CH/CH]; Seestrasse, CH-8266 Steckborn (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FLÜCKIGER, Hans [CH/CH]; Willikon, CH-8618 Oetwil am See (CH). JANOUSCHEK, Heinz [CH/CH]; Rietaldenstrasse 2, CH-8266 Steckborn (CH).

(74) GACHNANG, Hans, Rudolf; Badstrasse 5, Postfach 323, CH-8501 Frauenfeld (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ D05C 15/32

(11) WO 2004/090217 (13) A1

(21) PCT/GB2004/001372

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 0308126.2 8 Apr/avr 2003 GB
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A YARN FEED ASSEMBLY FOR A
TUFTING MACHINE
• ENSEMBLE D'ALIMENTATION EN FIL
POUR MACHINE DE TOUFFETAGE

(71) SPENCER WRIGHT INDUSTRIES INC.
[US/US]; 1000 Tallan Building, Two Union
Square, Chattanooga, TN 37402 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BENNETT, Neale, Kenneth [GB/GB];
15 Loxwood Close, Walton Park, Walton Le
Dale, Preston, Lancashire PR5 4NQ (GB).
CROSSLEY, Gary, [GB/GB]; 13 Cartmel
Drive, Burnley, Lancashire BB12 8UX (GB).

(74) DRAPER, Martyn, John et al. / etc.; Boul't
Wade Tennant, Verulam Gardens, 70 Gray's
Inn Road, London WC1X 8BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ D06B 3/18, 15/00

(11) WO 2004/090218 (13) A1

(21) PCT/EP2004/003527

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 103 16 337.9 10 Apr/avr 2003 DE
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MECHANISM FOR APPLYING A BATH
TO A RUNNING STRAP
• MECANISME D'APPLICATION
CONCU POUR APPLIQUER UN BAIN
SUR UNE BANDE EN CIRCULATION

(71) EDUARD KÜSTERS MASCHINENFAB-
RIK GMBH & CO. KG [DE/DE]; Eduard-
Küstern-Str. 1, 47805 Krefeld (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KURSCHATKE, Wolfgang [DE/DE];
Halterkamp 53, 47807 Krefeld (DE).

(74) KLUIN, Jörg-Eden; Lintorfer Str. 10,
40878 Ratingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ D06L 1/00

(11) WO 2004/090219 (13) A2

(21) PCT/FR2004/000826

(22) 1 Apr/avr 2004 (01.04.2004)

(25) fr (26) fr

(30) 03/04249 4 Apr/avr 2003 FR
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NATURAL AQUEOUS COMPOSITION
AND MACHINE FOR DRY-CLEANING
TEXTILES AND LEATHERS

• COMPOSITION AQUEUSE NATU-
RELLE ET MACHINE POUR NET-
TOYAGE A SEC DES TEXTILES ET
PEAUSSERIES

(71) TEINTURERIE LESCHAEVE [FR/FR]; 4
rue Deleruelle, F-59160 Lomme (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) ELOY, Christian [FR/FR]; 519 rue
d'Erquinghem, F-59280 Bois-Grenier (FR).

(72, 75) LESCHAEVE, Patrick [FR/FR]; 48
rue Léon Gambetta, F-59320 Hallennes Lez
Haubourdin (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ D06M 11/76

(11) WO 2004/090220 (13) A1

(21) PCT/JP2003/004332

(22) 4 Apr/avr 2003 (04.04.2003)

(25) ja (26) ja

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD OF CAUSTIC REDUCTION
TREATMENT FOR POLYESTER FIBER
• PROCEDE DE TRAITEMENT DE RE-
DUCTION CAUSTIQUE POUR FIBRE
DE POLYESTER

(71) TEIJIN FIBERS LIMITED [JP/JP]; 6-7,
Minamihommachi 1-chome, Chuo-ku, Os-
aka-shi, Osaka 541-0054 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HORIUCHI, Hiroshi [JP/JP]; c/o Tei-
jin Fibers Limited, Matsuyama Factory, 77,
Kitayoshida-cho, Matsuyama-shi, Ehime
791-8041 (JP). NAKASHIMA, Minoru
[JP/JP]; c/o Teijin Fibers Limited, Tokuyama
Factory, 1-1, Yuka-cho, Tokuyama-shi,
Yamaguchi 745-0813 (JP). ISHIHARA,
Kenichi [JP/JP]; c/o Teijin Fibers Limited,
Matsuyama Factory, 77, Kitayoshida-cho,
Matsuyama-shi, Ehime 791-8041 (JP).

(74) MIHARA, Hideko; c/o Teijin Intellectual
Property Center Limited, 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ D06M 13/463

(11) WO 2004/090221 (13) A1

(21) PCT/JP2004/004498

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-130895 1 Apr/avr 2003 JP
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • WATER PERMEABILITY IMPARTING
AGENT AND FIBER HAVING THE
AGENT APPLIED THERETO

• AGENT DE PERMEABILISATION A
L'EAU ET FIBRE SUR LAQUELLE CET
AGENT EST APPLIQUE

(71) MATSUMOTO YUSHI-SEIYAKU CO.,
LTD. [JP/JP]; 1-3, Shibukawa-cho 2-chome,
Yao-shi, Osaka 581-0075 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KITAGUCHI, Hidetoshi [JP/JP]; c/o
Matsumoto Yushi-Seiyaku Co., Ltd., 1-3,
Shibukawa-cho 2-chome, Yao-shi, Osaka
581-0075 (JP). FUJIMOTO, Yoshiharu
[JP/JP]; c/o Matsumoto Yushi-Seiyaku Co.,
Ltd., 1-3, Shibukawa-cho 2-chome, Yao-shi,
Osaka 581-0075 (JP). KOMEDA, Haruhiko
[JP/JP]; c/o Matsumoto Yushi-Seiyaku Co.,
Ltd., 1-3, Shibukawa-cho 2-chome, Yao-shi,
Osaka 581-0075 (JP). KITA, Setsuo [JP/JP];

- c/o Matsumoto Yushi-Seiyaku Co., Ltd., 1-3, Shibukawa-cho 2-chome, Yao-shi, Osaka 581-0075 (JP). NAKAMURA, Yoshishige [JP/JP]; c/o Matsumoto Yushi-Seiyaku Co., Ltd., 1-3, Shibukawa-cho 2-chome, Yao-shi, Osaka 581-0075 (JP).
- (74) OHSHIMA, Masataka; Ohshima Patent Office, Fukuya Building, 3, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 1/52, 3/52
- (11) WO 2004/090222 (13) A2
- (21) PCT/EP2004/003632
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) de (26) de
- (30) 103 16 401.4 10 Apr/avr 2003 DE (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • TEXTILE AUXILIARY AGENT
- ADJUVANT TEXTILE
- (71) CHT R. BEITLICH GMBH [DE/DE]; Bismarckstrasse 102, 72072 Tübingen (DE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRENNICH, Wolfgang [DE/DE]; Bismarckstrasse 69/1, 72764 Reutlingen (DE). FELKEL, Sabine [DE/DE]; Tuchbleiche 13, 72768 Reutlingen (DE). KEMPF, Branka [DE/DE]; Nelkenstrasse 31, 7224 Pliezhausen (DE). ZIPFEL, Katja [DE/DE]; Härlesweg 41, 72108 Rottenburg (DE).
- (74) JÖNSSON, Hans-Peter et al. / etc.; von Kreisler Seltling Werner, Bahnhofsvorplatz 1, 50667 Köln (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ D06P 5/20, 1/16, 3/54
- (11) WO 2004/090223 (13) A1
- (21) PCT/EP2004/003526
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) de (26) de
- (30) 10317058.8 14 Apr/avr 2003 DE (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR DYEING A TEXTILE FLAT PIECE
- PROCEDE POUR TEINDRE UNE PIECE TEXTILE PLANE
- (71) EDUARD KÜSTERS MASCHINENFABRIK GMBH & CO. KG [DE/DE]; Eduard-Küstners-Str. 1, 47805 Krefeld (DE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FECHNER, Wolfgang [DE/DE]; Herrrather Weg 23, 41189 Mönchengladbach (DE). HARTMANN, Werner [DE/DE]; Rosenhain 22, 47804 Krefeld (DE).
- (74) KLUIN, Jörg-Eden; Lintorfer Str. 10, 40878 Ratingen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ D07B 5/00
- (11) WO 2004/090224 (13) A1
- (21) PCT/JP2004/005037
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) ja (26) ja
- (30) 2003-105709 9 Apr/avr 2003 JP (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • REINFORCING CORD FOR REINFORCING RUBBER AND RUBBER PRODUCT USING THE SAME
- CORDE DE RENFORCEMENT POUR RENFORCER DU CAOUTCHOUC ET UN PRODUIT EN CAOUTCHOUC FAISANT APPEL A CETTE CORDE
- (71) NIPPON SHEET GLASS COMPANY, LIMITED [JP/JP]; 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi Osaka 5418559 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AKIYAMA, Mitsuharu [JP/JP]; c/o NIPPON SHEET GLASS COMPANY, LIMITED, 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5418559 (JP). KAJIHARA, Keisuke [JP/JP]; c/o NIPPON SHEET GLASS COMPANY, LIMITED, 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5418559 (JP).
- (74) KAMADA, Koichi; 7th Fl., TOMOE MARIION BLDG., 4-3-1, Nishitenma, Kita-ku, Osaka-shi Osaka 5300047 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ D21C 9/02, 11/00
- (11) WO 2004/090225 (13) A1
- (21) PCT/FI2004/000210
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) fi (26) en
- (30) 20030522 7 Apr/avr 2003 FI (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PURIFICATION OF ALKALINE WASHING LIQUID
- PURIFICATION D'UN LIQUIDE DE LAVAGE ALCALIN
- (71) STORA ENSO OYJ [FI/FI]; Kanavaranta 1, FI-00160 Helsinki (FI). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PIGG, Pasi [FI/FI]; Tienhaarankuja 3 B 13, FI-55800 Imatra (FI). SONNI, Hannu [FI/FI]; Sirkankatu 19, FI-55100 Imatra (FI). TÖRÖNEN, Marjo [FI/FI]; Kurenmäentie 16, FI-55300 Rauhala (FI).
- (74) BERGGREN OY AB; P.O. Box 16, (Jaakonkatu 3 A), FI-00101 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ D21F 5/00, 3/00, 1/32
- (11) WO 2004/090226 (13) A1
- (21) PCT/JP2004/004462
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) ja (26) ja
- (30) 2003-105630 9 Apr/avr 2003 JP (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • STAINING PREVENTION METHOD FOR DRY PART OF PAPER MACHINE AND STAINING INHIBITOR USED FOR THE METHOD

- PROCEDE DE PREVENTION DE MACULAGE POUR PARTIE SECHE D'UNE MACHINE A PAPIER ET INHIBITEUR DE MACULAGE UTILISE POUR CE PROCEDE
- (71) MAINTTECH CO., LTD. [JP/JP]; 28-14 Nagasaki 1-chome, Toshima-ku, Tokyo 1710051 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SEKIYA, Hiroshi [JP/JP]; c/o MAINTTECH CO., LTD., 28-14 Nagasaki 1-chome, Toshima-ku Tokyo 1710051 (JP).
- (74) SHIRASAKI, Shinji; SHIRASAKI INTERNATIONAL PATENT OFFICE, 5th Floor, Mikado Bldg., 29-21 Takadanobaba 1-chome, Shinjuku-ku, Tokyo 1690075 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ D21H
- (11) WO 2004/090227 (13) A2
- (21) PCT/US2004/010301
- (22) 3 Apr/avr 2004 (03.04.2004)
- (25) en (26) en
- (30) 10/406,752 3 Apr/avr 2003 US (03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DISPERSIBLE FIBROUS STRUCTURE AND METHOD OF MAKING SAME
• STRUCTURE FIBREUSE DISPERSIBLE ET SON PROCEDE DE FABRICATION
- (71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARNHOLTZ, Steven, Lee [US/US]; 5835 Olympia Fields Court, West Chester, OH 45069 (US). CARTLEDGE, James, Edwin, Jr. [US/US]; 6814 Cherry Laurel Drive, Liberty Township, OH 45044 (US). GORLEY, Ronald, Thomas [US/US]; 7835 New Brunswick Drive, Cincinnati, OH 45241 (US).
- (74) THE PROCTER & GAMBLE COMPANY; REED, David, T., 6110 Center Hill Road, Cincinnati, OH 45224 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 25/32, H02K 41/02
- (11) WO 2004/090229 (13) A1
- (21) PCT/EP2004/003330
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) de (26) de
- (30) 103 17 014.6 11 Apr/avr 2003 DE (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • TRACK FOR A RAILBORNE VEHICLE, COMPRISING A LONG-STATOR LINEAR DRIVE COMPRISING AT LEAST ONE LONG STATOR, AND A KIT AND A STATOR PACKET FOR THE PRODUCTION THEREOF
• VOIE POUR VEHICULE GUIDE SUR RAILS COMPRENANT UN MOTEUR LINEAIRE A STATOR LONG PRESENTANT AU MOINS UN STATOR LONG, ENSEMBLE DE PIECES ET EMPILAGE DE TOLES DE STATOR POUR PRODUIRE CETTE VOIE
- (71) MAX BÖGL BAUUNTERNEHMUNG GMBH & CO. KG [DE/DE]; Postfach 1120, 92301 Neumarkt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) REICHEL, Dieter [DE/DE]; Badstrasse 13, 92318 Neumarkt (DE). FRISCH, Theo [DE/DE]; Windbergstrasse 12, 92355 Velburg (DE). Waidhauser, Ralf [DE/DE]; Glasergasse 21, 92318 Neumarkt (DE).
- (74) BERGMIEIER, Werner; Friedrich-Ebert-Strasse 84, 85055 Ingolstadt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ E01C 5/00
- (11) WO 2004/090230 (13) A1
- (21) PCT/KR2004/000836
- (22) 10 Apr/avr 2004 (10.04.2004)
- (25) ko (26) en
- (30) 20-2003-0011041 10 Apr/avr 2003 KR (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • BLOCK OF FOOTPATH
• BLOC DE TROTTOIR
- (71, 72) BAK, Hyun [KR/KR]; 109-1502, Doge-gong APT, 168-8, Hakjang-dong, Sasang-gu, 617-020 Busan (KR).
- (74) CHO, Sang Kyun; 402 Daimyung Building 746-22, Yeoksam-dong, Kangnam-ku, Seoul 135-925 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

- CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (c)
- (51)⁷ E01C 9/08, A63C 19/12
- (11) WO 2004/090231 (13) A1
- (21) PCT/ES2003/000161
- (22) 8 Apr/avr 2003 (08.04.2003)
- (25) es (26) es
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • GROUND COVERING FLAGSTONE INTENDED TO FORM A PROVISIONAL PAVEMENT, AND PROVISIONAL PAVEMENT FORMED WITH A PLURALITY OF SAID FLAGSTONES
- DALLE DE RECOUVREMENT DE TERRAIN PERMETTANT DE FORMER UN REVETEMENT PROVISOIRE, ET REVETEMENT PROVISOIRE FORME A PARTIR D'UNE PLURALITE DE CES DALLEES
- (71) PORTABLE ROADWAY SYSTEMS, SA. [ES/ES]; c/ Carpinteros, 7, E-28906 Getafe (Madrid) (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JIMÉNEZ JAREÑO, Francisco, Antonio [ES/ES]; c/ Ulises, 100, E-28043 Madrid (ES). RIQUELME, Jean-Manuel, Marie [FR/FR]; Les Trois Rois, F-14340 St. Laurent du Mont (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 SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ E01C 19/38, E02D 3/074
- (11) WO 2004/090232 (13) A1
- (21) PCT/EP2004/003743
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) de (26) de
- (30) 103 17 160.6 14 Apr/avr 2003 DE (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SYSTEM AND METHOD FOR THE AUTOMATIC COMPACTION OF SOIL
- SYSTEME ET PROCEDE DE COMPACTAGE DE SOL AUTOMATISE
- (71) WACKER CONSTRUCTION EQUIPMENT AG [DE/DE]; Preussenstr. 41, 80890 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SICK, Georg [DE/DE]; Zugspitzstrasse 9, 82340 Feldafing (DE).
- (74) HOFFMANN, Jörg, Peter; Müller . Hoffmann & Partner, Innere Wiener Strasse 17, 81667 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ E01D 22/00
- (11) WO 2004/090233 (13) A1
- (21) PCT/KR2004/000409
- (22) 27 Feb/fév 2004 (27.02.2004)
- (25) en (26) en
- (30) 10-2003-0021615 7 Apr/avr 2003 KR (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • REPAIR AND REINFORCEMENT SYSTEM OF EXISTING STRUCTURE USING REACTION FORCE OF PRESSURIZING MEANS AND METHOD THEREOF
- SYSTEME ET PROCEDE DE REPARATION ET DE RENFORCEMENT D'UNE STRUCTURE EXISTANTE AU MOYEN DE LA FORCE DE REACTION EXERCIEE PAR PRESSION
- (71, 72) BYUN, Hang Yong [KR/KR]; 109-1105, Samik Apt., 470, Bongsun, 2-Dong, Nam-Gu, Gwangju 503-062 (KR).
- (74) KIM, Yoon Bae; KIMS AND LEES INTERNATIONAL PATENT, AND LAW OFFICES, 8th Floor, Dongduk Building, 151-8, Kwanhooon-Dong, Jongro-Gu, Seoul 110-300 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (b)
- Declaration / Déclaration :
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-
- (51)⁷ E02B 3/14, E02D 17/20, 29/02, A01K 61/00
- (11) WO 2004/090236 (13) A1
- (21) PCT/JP2003/004265
- (22) 3 Apr/avr 2003 (03.04.2003)
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DRY MASONRY CONCRETE BLOCK AND FOUNDATION GROUND
- (30) 10-2003-0021720 7 Apr/avr 2003 KR (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • GUARDRAIL FOR ROADS
- GLISSIERE DE SECURITE POUR ROUTES
- (71, 72) PARK, Joong Suk [KR/KR]; 471-9 Gaegum 3-Dong, Busanjin-Gu, Busan Metropolitan City 614-811 (KR).
- (74) HAN, Sang Hyuk; Dugyu B/D 2F, 943-14 Daechi-dong, Kangnam-gu, Seoul 135-845 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ E02B 3/02
- (11) WO 2004/090235 (13) A1
- (21) PCT/JP2003/004422
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FLOOD CONTROL AND WATER SUPPLY SYSTEM USING TIDE GENERATOR BY "SEA HOLLOW (UTSURO)"
- SYSTEME D'ALIMENTATION EN EAU ET DE LUTTE CONTRE LES INONDATIONS UTILISANT UN GENERATEUR DE MAREE PRES D'UN ≤ CREUX MARIN (UTSURO) ≥
- (71, 72) AKAI, Kazuaki [JP/JP]; 201, Ogura, Wakayamasi, Wakayamaken 649-6261 (JP).
- (81) AT BR CA CN CU DE ES GB GH ID IN IS JP KR LC LK MA MG MX NO NZ OM PH PL PT RU SE SG US VN 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (b)
- Declaration / Déclaration :
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-
- (51)⁷ E01F 15/00
- (11) WO 2004/090234 (13) A1
- (21) PCT/KR2004/000668
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) en (26) en

- BLOC DE BETON POUR MAÇONNERIE SECHE ET PLANCHER DE FONDATION
- (71) CHUO CONCURITO ZUMI BUOKKU KYODO KUMIAI [JP/JP]; 219-9, Yamahana-cho, Kochi-shi, Kochi 780-0927 (JP).
- (72) YANO, Takeshi; 31-5, Hei, Takaoka-cho, Tosa-shi, Kochi 781-1103 (JP).
- (81) CN KR.

- (51)⁷ E02B 9/04
- (11) WO 2004/090237 (13) A1
- (21) PCT/RU2004/000132
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) ru (26) ru
- (30) 2003110226 10 Apr/avr 2003 RU (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROTECTIVE SYSTEM FOR A WATER INTAKE PLANT
 - PROCEDE DE PROTECTION D'UNE INSTALLATION DE PRISE D'EAU
- (71) OTKRYTOE AKTSIONERNOE OBSHCHESTVO "INZHENERNIY TSENTR EEC-GIDROPROEKT, LENGIDROPROEKT, TEPLOELEKTROPROEKT, FIRMA ORGRES" [RU/RU]; pr. Vernadskogo, 101-3, Moscow, 119526 (RU). FEDERALNOE GOSUDARSTVENNOE UNITARNOE PREDPRIYATIE "NAUCHNO-ISSLEDOVATELSKY I PROEKTNO-KONSTRUKTORSKY INSTITUT "ATOMENERGOPROEKT" [RU/RU]; ul. Bakuninskaya, 7-1, Moscow, 105005 (RU).

(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) BUKANOV, Valentin Georgievich [RU/RU]; Litovskiy bulvar, 9/7-493, Moscow, 117593 (RU). DOLBIN, Alexandr Alexandrovich [RU/RU]; ul. Flotskaya, 76-124, Moscow, 125413 (RU). IVANOV, Alexandr Vasilievich [RU/RU]; ul. Planernaya, 16-6-36, Moscow, 123481 (RU). PAREMUD, Sergey Petrovich [RU/RU]; ul. Bolshaya Akademicheskaya, 77-2-113, Moscow, 125183 (RU). SKOROBOGATOV, Mikhail Alexandrovich [RU/RU]; pr. Pobedy, 22/15-7, Tver, 170008 (RU). TVERITNEV, Valentin Pavlovich [RU/RU]; Chernomorskiy bulvar, 4-341, Moscow, 113556 (RU). FILIPPOV, Georgiy Georgievich [RU/RU]; Mikroraion Povarovka, 11-2, p. Povarovo, Solnechnogorskiy raion, Moskovskaya obl., 141540 (RU).
- (74) AZAROVA, Ljudmila Dmitrievna; OAO "Inzhenerny tsentr EEC", Volokolamskoe shosse 2, Moscow, 125993 (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ E02B 15/10
- (11) WO 2004/090238 (13) A2
- (21) PCT/DK2004/000261
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) PA 2003 00533 7 Apr/avr 2003 DK (07.04.2003)
- (30) PA 2003 01712 18 Nov/nov 2003 DK (18.11.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OIL SKIMMER
 - RECUPERATEUR D'HUILE
- (71) DESMIA A/S [DK/DK]; Tagholm 1, DK-9400 Nørresundby (DK).

(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANDERSEN, Bernhard [DK/DK]; Akelejevej 36, DK-9310 Vodskov (DK).
- (74) PATRADE A/S; Fredens Torv 3A, DK-8000 Aarhus C (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ E02C
- (11) WO 2004/090239 (13) A2
- (21) PCT/US2004/010104
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) en (26) en
- (30) 60/459,189 31 Mar/mar 2003 US (31.03.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SMALL BOAT STOWAGE SYSTEM AND SKEG ASSEMBLY FOR BOATS
 - SYSTEME D'ARRIMAGE DE PETIT BATEAU ET ENSEMBLE CROSSE POUR BATEAUX
- (71) COMPTON MARINE DESIGN & MANUFACTURING LLC [US/US]; 197 Airport Road, Fall River, MA 02720 (US).
- (72) COMPTON, Terence, J.; 1172 Anthony Road, Portsmouth, RI 02871 (US).
- (74) HJORTH, Beverly, E. et al. / etc.; Weingarten, Schurgin, Gagnebin & Lebovici, LLP, Ten Post Office Square, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

- (51)⁷ E02D 27/01, 27/02
- (11) WO 2004/090240 (13) A1
- (21) PCT/CZ2003/000051
- (22) 18 Sep/sep 2003 (18.09.2003)
- (25) en (26) en
- (30) PV 2003-1002 10 Apr/avr 2003 CZ (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD OF MAKING A FLAT FOUNDATION FOR A FLOOR WITHOUT SUBSTANTIAL EXCAVATION AND FOUNDATION MADE BY SAID METHOD
 - PROCEDE POUR REALISER UNE FONDATION PLATE POUR UN TOIT SANS EXCAVATION IMPORTANTE, ET FONDATION REALISEE GRACE AUDIT PROCEDE
- (71, 72) BENDA, Jiri [CZ/CZ]; Ing. Jiri Benda, Pozarnická 45/50, 748 01 Hlucín-Bobrovniky, okres Opava (CZ).
- (74) RYLKOVÁ, Iva; Ing. Iva Rylková, Polská 1525, 708 00 Ostrava-Poruba (CZ).
- (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 EG ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT (Utility model / modèle d'utilité) PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ E02F 3/96, 3/42

(11) WO 2004/090241 (13) A1

(21) PCT/EP2004/050474

(22) 7 Apr/avr 2004 (07.04.2004)

(25) fr (26) fr

(30) 03/04659 9 Apr/avr 2003 FR (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TOOL HOLDER FOR A HEAVY AND HIGHWAY CONSTRUCTION MACHINE SUCH AS A POWER SHOVEL
• PORTE-OUTIL POUR ENGIN DE TRAVAUX PUBLICS DU TYPE PELLE MECANIQUE

(71, 72) VIAL, Michel [FR/FR]; Taille Fer, F-42820 Ambierle (FR).

(74) THIVILLIER, Patrick et al. / etc.; Cabinet Laurent & Charras, 3, Place de l'Hôtel de Ville, B.P. 203, F-42005 Saint Etienne (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E02F 9/12

(11) WO 2004/090242 (13) A1

(21) PCT/JP2004/004888

(22) 5 Apr/avr 2004 (05.04.2004)

(25) ja (26) ja

(30) 2003-101799 4 Apr/avr 2003 JP (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ROTATION MECHANISM FOR CONSTRUCTION MACHINE AND METHOD OF MEASURING BACKLASH IN THE MECHANISM
• MECANISME PIVOTANT POUR ENGIN DE CONSTRUCTION ET PROCEDE POUR MESURER LE JEU DANS CE MECANISME

(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) NOZUE, Akiyasu [JP/JP]; 202, Heights Abite, 2-2-52, Minami, Ushiku-shi, Ibaraki 300-1222 (JP). TANAKA, Nozomu [JP/JP]; 7-3-13, Ootsuno, Tsuchiura-shi, Ibaraki 300-0028 (JP). ISOBE, Hiroyuki [JP/JP]; Shiho-ryo, 2-20-29, Kandatsuchuo, Tsuchiura-shi, Ibaraki 300-0013 (JP).

(74) TAKE, Kenjiro et al. / etc.; Kashiwaya Bldg., 6-13, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E03B

(11) WO 2004/090243 (13) A2

(21) PCT/US2004/009837

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,824 1 Apr/avr 2003 US (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BOOM SYSTEM FOR WATER FILTRATION IN SHALLOW WATER
• SYSTEME DE BARRIERE POUR FILTRATION DES EAUX EN EAUX PEU PROFONDES

(71) GUNDERBOOM, INC. [US/US]; 9401 King Street, Anchorage, AK 99515 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) DREYER, Harold, B.; 9600 Arlene Drive, Anchorage, AK 99515 (US).

(74) GOLDMAN, Michael, L. et al. / etc.; Nixon Peabody LLP, Clinton Square, P.O. Box 31051, Rochester, NY 14603-1051 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E03B

(11) WO 2004/090244 (13) A2

(21) PCT/US2004/009936

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/404,391 1 Apr/avr 2003 US (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ARRAY OF WATER JETS FOR IN-GROUND SPAS
• RESEAU DE JETS D'EAU POUR CUVES THERMALES CREUSEES

(71, 72) WILLIAMS, Jack [US/US]; 3218 E. Pima Street, Tucson, AZ 85716 (US).

(74) MILCZAREK-DESAI, Gavin, J.; Quarles & Brady Streich Lang, One South Church Avenue, Suite 1700, Tucson, AZ 85701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E03D 5/10, 13/00

(11) WO 2004/090245 (13) A1

(21) PCT/CH2004/000220

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 683/03 9 Apr/avr 2003 CH (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DETECTION DEVICE FOR A URINAL
• DISPOSITIF DETECTEUR POUR URINOIR

(71) URIMAT HOLDING AG [CH/CH]; Birkenweg 13, CH-6072 Sachseln (CH).
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(72, 75) KELLER, Hans [CH/CH]; Langrütstrasse 77, CH-8635 Dürnten (CH). HUBER, Hugo [CH/CH]; Secstrasse 18, CH-8802 Kilchberg (CH).

(74) GACHNANG, Hans, Rudolf; Badstrasse 5, Postfach 323, CH-8501 Frauenfeld (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) *for / pour US only / seulement*(51)⁷ E03F 5/02, F16L 55/163

(11) WO 2004/090246 (13) A1

(21) PCT/EP2004/002872

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) 103 15 560.0 5 Apr/avr 2003 DE (05.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR THE SANITATION OF A SEWER MANHOLE AND USE OF AN ASSOCIATED PIPE

• PROCÉDE D'ASSAINISSEMENT D'UN PUIT D'EAUX USEES ET UTILISATION D'UN TUYAU CORRESPONDANT

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(72, 75) EGGERS, John [DE/DE]; 58 Grüner Bogen, 22113 Oststeinbek (DE).

(74) BECKER, Thomas, U. et al. / etc.; Becker, Müller Berkenbrink Patentanwälte, 22 Turmstrasse, 40878 Ratingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04B

(11) WO 2004/090247 (13) A2

(21) PCT/US2004/010242

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/407,127 3 Apr/avr 2003 US (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • RAINSCREEN CLAPBOARD SIDING

• BARDAGE A CLINS D'ECRAN PARE-PLUIE

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(72, 75) BECK, David, Herbert [US/US]; 7530 Cain Road, Jackson, Michigan 49201 (US).

(74) DUANE MORRIS LLP et al. / etc.; One Liberty Place, Philadelphia, Pennsylvania 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) *for / pour US only / seulement*(51)⁷ E04B

(11) WO 2004/090248 (13) A2

(21) PCT/US2004/009752

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/404,839 1 Apr/avr 2003 US (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • WALL ANGLE AND MAIN TEE FOR USE IN SUSPENDED CEILING GRID STRUCTURE AND INCLUDING MULTI-PURPOSE MEASUREMENT INDICIA

• ANGLE DE PAROI ET TE PRINCIPAL A UTILISER DANS UNE STRUCTURE GRILLAGEE DE PLAFOND SUSPENDU ET COMPRENANT UN INDICE DE MESURE POLYVALENT

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(71, 72) PAUL, William [US/US]; 511 River Ridge Drive, Waterford Township, MI 48327 (US).

(74) MCEVOY, Douglas, J. et al. / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C., 280 N. Old Woodward Ave., Suite 400, Birmingham, MI 48009 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04B 1/04, E04C 2/04, 2/52, 2/288

(11) WO 2004/090249 (13) A1

(21) PCT/IT2003/000212

(22) 8 Apr/avr 2003 (08.04.2003)

(25) it (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BUILDING USING PREFABRICATED BUILDING ELEMENTS

• CONSTRUCTION AU MOYEN D'ELEMENTS DE CONSTRUCTION PREFABRIQUES

(71, 72) PUGLIESE, Antonio [IT/IT]; C. Da San Filippo 3, I-88043 Feroletto Antico (IT).

(74) PERROTTA, Aldo; Via G. Marconi, 32, I-88068 Soverato (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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04B 2/74, A47B 83/00, 96/00

(11) WO 2004/090250 (13) A1

(21) PCT/CA2003/000913

(22) 26 Jun/juin 2003 (26.06.2003)

(25) en (26) en

(30) 2,424,873 8 Apr/avr 2003 CA (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • STRADDLE BIN

• CASIER A DOUBLE ACCES

(63) US US 10/126,519 (CON) 22 Apr/avr 2002 (22.04.2002)

(71) INSCAPE CORPORATION [CA/CA]; 67 Toll Road, Holland Landing, Ontario L9N 1H2 (CA).

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(72, 75) EDWARDS, John, R. [CA/CA]; 36 Greenside Drive, Nobleton, Ontario L0G 1N0 (CA).

(74) RICHES,McKENZIE & HERBERT LLP; 2 Bloor Street East, Suite 1800, Toronto, Ontario M4W 3J5 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ E04B 7/04, E04C 3/02

(11) WO 2004/090251 (13) A1

(21) PCT/AU2004/000495

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 2003901775 14 Apr/avr 2003 AU (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ROOFING STRUCTURE

• STRUCTURE DE TOITURE

(71) FORMSTEEL PTY LTD [AU/AU]; 3/10 Gibberd Road, Balcatta, Western Australia 6021 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOLLAND, Martin, Charles [AU/AU]; 3/10 Gibberd Road, Balcatta, Western Australia 6021 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04C 2/26, E04B 5/40

(11) WO 2004/090252 (13) A1

(21) PCT/DK2004/000170

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) PA200300584 14 Apr/avr 2003 DK (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SANDWICH PLATE-LIKE CONSTRUCTION

• CONSTRUCTION DE TYPE PLAQUE EN SANDWICH

(71) SERWIN HOLDING ApS [DK/DK]; c/o Contec Aps, Axel Kiers Vej 30, DK-8270 Højbjerg (DK).

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(72, 75) SERWIN, Bo [DK/DK]; Holmevangen 25, DK-8270 Højbjerg (DK). BUITELAAR, Peter [DK/DK]; c/o Contec Aps, Axel Kiers Vej 30, DK-8270 Højbjerg (DK).

(74) PATRADE A/S; Fredens Torv 3A, DK-8000 Århus C (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04C 3/293, E04B 5/29

(11) WO 2004/090253 (13) A1

(21) PCT/FI2004/000194

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) U20030145 10 Apr/avr 2003 FI (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • STEEL BEAM

• POUTRE D'ACIER

(71) TERÄSPEIKKO OY [FI/FI]; Vipusenkatu 20, FI-15100 Lahti (FI).

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(72, 75) TUOMINEN, Kari [FI/FI]; Pallaskatu 10 A 3, FI-15900 Lahti (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FI-00121 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ E04C 5/12

(11) WO 2004/090254 (13) A1

(21) PCT/JP2004/004863

(22) 2 Apr/avr 2004 (02.04.2004)

(25) ja (26) ja

(30) 2003-101757 4 Apr/avr 2003 JP (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FIXING JIG STRUCTURE OF HIGH-STRENGTH WIRE MATERIAL

• STRUCTURE DE FIXATION EN MATÉRIAU DE FIL MÉTALLIQUE HAUTE RESISTANCE

(71) NIPPON STEEL CORPORATION [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP). SUZUKI METAL INDUSTRY CO. LTD. [JP/JP]; 8-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

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(74) KOKUBUN, Takayoshi; 5th Floor, Ikebukuro TG Homest Building, 17-8, Higashi-Ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04D 3/35

(11) WO 2004/090255 (13) A1

(21) PCT/IT2003/000210

(22) 7 Apr/avr 2003 (07.04.2003)

(25) it (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AERATED INSULATING PANEL AND PROCESS FOR MANUFACTURING THEREOF

• PANNEAU ISOLANT AÈRE ET PROCÉDE DE FABRICATION CORRESPONDANT

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(72, 75) **MORANDI, Maurizio** [IT/IT]; Via Raffaelo Lambruschini, 12, I-10143 Torino (IT).

(74) **FERRONI, Filippo** et al. / etc.; Dragotti & Associati S.r.l., Galleria San Babila, 4/C, I-20122 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ E04D 13/16, 3/363, 13/10, 13/12

(11) WO 2004/090256 (13) A1

(21) PCT/EP2004/002078

(22) 27 Feb/fév 2004 (27.02.2004)

(25) de (26) de

(30) 203 05 954.9 11 Apr/avr 2003 DE (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ROOF STRUCTURE AND A FIXING DEVICE THEREFOR

• STRUCTURE DE COUVERTURE ET DISPOSITIF DE FIXATION POUR CETTE STRUCTURE

(71) **CORUS BAUSYSTEME GMBH** [DE/DE]; August-Horch-Strasse 20-22, 56070 Koblenz (DE).

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(72, 75) **DÜRNBERGER, Hans-Dieter** [DE/DE]; Mittlerer Bornsweg 15, 56579 Rengsdorf (DE).

(74) **VAN DER DONK, Henricus, Matheus**; Corus Technology BV, P.O. Box 10000, NL-1970 CA Ijmuiden (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04F 13/14, 15/02

(11) WO 2004/090257 (13) A1

(21) PCT/IT2004/000166

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) MO2003A000103 11 Apr/avr 2003 IT (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A CERAMIC ELEMENT FOR FLOORS AND/OR COVERINGS

• ELEMENT CERAMIQUE POUR SOLS ET/OU REVETEMENTS

(71) **SYSTEM S.p.A.** [IT/IT]; no. 73, Via Ghiarola Vecchia, I-41042 Fiorano Modenese (IT).

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(72, 75) **GOZZI, Franco** [IT/IT]; 33, Via Don L. Sturzo, I-41043 Formigine (IT).

(74) **GIANELLI, Alberto**; Via Emilia Est, 25, I-41100 Modena (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2004/090258 (13) A1

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(22) 19 Jan/jan 2004 (19.01.2004)

(25) zh (26) zh

(30) 03113714.8 29 Jan/jan 2003 CN (29.01.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FORMWORK CONSTRUCTION METHOD FOR INNER WALL AND DEVICE THEREOF

• PROCEDE DE CONSTRUCTION D'UN COFFRAGE DESTINE A UN MUR INTERNE ET DISPOSITIF CORRESPONDANT

(71, 72) **LI, Yuanhe** [CN/CN]; Room 3, 7th Floor, No.8 Lane 390, 1 Duan, Jiankang Road, Tainan, Taiwan (CN).

(74) **GUANGZHOU YUEGAO PATENT AGENT LIMITED CORPORATION**; Room A, B, C, 5/F, Dangxiao Building, Jianshe Road, Guangzhou, Guangdong 510060 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/GB2004/001595

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 0308336.7 10 Apr/avr 2003 GB (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BUILDING APPARATUS

• APPAREIL DE CONSTRUCTION

(71, 72) **LAMB, Stephen, Timothy** [GB/GB]; 6 Jubilee Cottages, Red Lion Road, Chobham, Surrey GU24 8RE (GB).

(74) **HARMAN, Michael, Godfrey**; M. G. Harman & Co, Holmwood, 37 Upper Park Road, Camberley, Surrey, GU15 2EG (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ E04G 21/26

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(21) PCT/NL2004/000175

(22) 10 Mar/mar 2004 (10.03.2004)

(25) nl (26) en

(30) 1023116 7 Apr/avr 2003 NL (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MULTIPLE SUPPORTING ELEMENT

• ELEMENT DE SUPPORT MULTIPLE

(71) **B.V. HOLMATRO INDUSTRIAL EQUIPMENT** [NL/NL]; Zalmweg 30, NL-4941 VX Raamsdonksveer (NL).

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(72, 75) **SCHUTS, Christiaan, Arnold** [NL/NL]; Vondellaan 24, NL-4942 DA Raamsdonkveer (NL). **VOS, Petrus, Geertruida, Cornelis** [NL/NL]; Populierstraat 7, NL-4814 HN Breda (NL). **JACOBS, Adrianus, Cornelis, Maria** [NL/NL]; Passtoer van Breugelstraat 17, NL-4744 RA Bosschenhoofd (NL).

(74) **EVELEENS MAARSE, Pieter**; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04G 21/26

(11) WO 2004/090261 (13) A1

(21) PCT/RU2003/000468

(22) 4 Nov/nov 2003 (04.11.2003)

(25) ru (26) ru

(30) 2003109680 7 Apr/avr 2003 RU (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE FOR ASSEMBLING PANEL BLOCKS
• DISPOSITIF DE MONTAGE POUR BLOCS DE PANNEAUX

(71, 72) GREKOV, Alexandr Vladimirovich [RU/RU]; Zelenograd, 360-475, 124482 Moscow (RU).

(74) GRIGORIEVA, Tatiana Viktorovna; OOO "Independent Patent Agency" "GRIGORIEVA, SULIM, OVA i PARTENERY" B. Trekhsvyatitelsky per., 3/12, of. 508, MIEM, OO, O "NPA", 109028 Moscow (RU).

(81) BR CA CN IL IN JP MX US.

(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 HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁶ E04H 1/00

(11) WO 2004/090262 (13) A1

(21) PCT/CN2003/000510

(22) 30 Jun/juin 2003 (30.06.2003)

(25) zh (26) zh

(30) 03118238.0 4 Apr/avr 2003 CN (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR PLANTING BY THREE DIMENSIONS
• PROCEDE POUR PLANTATIONS EN TROIS DIMENSIONS

(71, 72) LLXian [CN/CN]; 35 Diantai South Road, Wugang, Hunan 422400 (CN).

(74) CHANGSHA ZONEKEY PATENT LAW FIRM; 135 Bayi Road, Cgangsha, Hunan 410001 (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 NI NO NZ OM PG PH PL

PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04H 12/08, 12/34, F03D 11/04

(11) WO 2004/090263 (13) A1

(21) PCT/EP2003/003681

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR GENERATING A SUBSTANTIALLY UNINTERRUPTED CONNECTION OF THE PERIPHERAL WALL PORTIONS OF TWO ADJACENT TUBULAR SEGMENTS

• PROCEDE POUR REALISER UNE LIAISON SENSIBLEMENT ININTERROMPUE DES PARTIES DE PAROIS PERIPHERIQUES DE DEUX SEGMENTS TUBULAIRES ADJACENTS

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUELLHAAS, Wolfgang [DE/DE]; Neumarkt 57, 49477 Ibbenbüren (DE). LÜHN, Holger [DE/DE]; Zum Schlackenböhl 17a, 49835 Wietmarschen (DE).

(74) HILLERINGMANN, Jochen et al. / etc.; Bahnhofsvorplatz 1 (Deichmannhaus), 50667 Cologne (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04H 12/22

(11) WO 2004/090264 (13) A1

(21) PCT/CA2003/000525

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ADJUSTABLE POST SUPPORT
• SUPPORT DE PIQUET REGLABLE

(71, 72) WALKER, Simon [CA/CA]; 707-777 West Broadway, Vancouver, British Columbia V6C 4J7 (CA). LEE, Clinton [CA/CA]; 707-777 West Broadway, Vancouver, British Columbia V6C 4J7 (CA).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

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(51)⁷ E04H 12/22

(11) WO 2004/090265 (13) A1

(21) PCT/SE2004/000333

(22) 9 Mar/mar 2004 (09.03.2004)

(25) sv (26) en

(30) 0300639-2 11 Apr/avr 2003 SE (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ADJUSTMENT DEVICE FOR A FOUNDATION
• DISPOSITIF DE REGLAGE POUR UNE FONDATION

(71, 72) JOHANSSON, Roland [SE/SE]; Centralgränd 4, S-153 71 Hölö (SE). MATTSOHN, Johnny [SE/SE]; Rosengängen 61, S-542 42 Mariestad (SE).

(74) ERIKSSON, Kjell; Norrtelje Patentbyrå AB, P.O. Box 38, S-761 21 Norrtälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04H 15/18, 15/32

(11) WO 2004/090266 (13) A1

(21) PCT/AT2004/000119

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) 20031632 9 Apr/avr 2003 NO (09.04.2003)

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MEMBRANE WALL ELEMENT FOR ERECTING A TENT OR SHED-TYPE CONSTRUCTION
- ELEMENT DE PAROI DE TYPE MEMBRANE PERMETTANT L'ERECTION D'UNE CONSTRUCTION DE TYPE TENTE OU CHAPITEAU
- (71) SATTLER AG [AT/AT]; Sattlerstrasse 1, A-8041 Graz-Thondorf (AT).
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- (72, 75) EIDE, Roar [NO/NO]; Radyrveien 19, N-1914 Ytre Enebakk (NO). PLASSEN, Kjell [NO/NO]; N-2647 Sor Fron (NO).
- (74) ELLMEYER, Wolfgang; Mariahilferstrasse 50, A-1070 Wien (AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 11/02, 11/04, G07C 9/00
- (11) WO 2004/090267 (13) A1
- (21) PCT/GB2004/001547
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 0308223.7 10 Apr/avr 2003 GB (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DOOR LOCK
- SERRURE DE PORTE
- (71, 72) JONES, Barrie [GB/GB]; 40 Ruskin Grove, Bredbury, Stockport, Cheshire SK6 1DW (GB).
- (74) HARRISON GODDARD FOOTE; Orlando House, 11c Compstall Road, Marple Bridge, Stockport SK6 5HH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E05C 17/16
- (11) WO 2004/090269 (13) A1
- (21) PCT/IL2004/000312
- (22) 4 Apr/avr 2004 (04.04.2004)
- (25) en (26) en
- (30) 155391 11 Apr/avr 2003 IL (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SECURITY LOCK FOR DOOR
- VERROU DE SECURITE POUR PORTE
- (71) ROM-ASH LTD. [IL/IL]; 17 HaMeshoreret Rachel Street, 75733 Rishon LeZion (IL).
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- (72, 75) AVI-TAL, Shlomo [IL/IL]; 17 HaMeshoreret Rachel Street, 75733 Rishon LeZion (IL).
- (74) KLEIN, David; Beit HaRofim 18 Menuha VeNahala Street, Room 27, 76209 Rehovot (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E05D 15/16, 15/24, E05F 15/16
- (11) WO 2004/090271 (13) A1
- (21) PCT/EP2004/003725
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 03008275.4 9 Apr/avr 2003 EP (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • GUIDE SYSTEM
- SYSTEME DE GUIDAGE
- (71) CARDO DOOR PRODUCTION AB [SE/SE]; P.O. box 160, S-423 21 Torslanda (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OLSSON, Bo [SE/SE]; Pennygängen 55, S-414 82 Göteborg (SE).
-
- (51)⁷ E05C
- (11) WO 2004/090268 (13) A2
- (21) PCT/SE2004/000549
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) sv (26) en
- (30) 0301012-1 7 Apr/avr 2003 SE (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • HANDLE ARRANGEMENT
- AGENCEMENT POIGNEE
- (71) FIX AB [SE/SE]; Bruksgatan 17, S-SE-414 51 GÖTEBORG (SE).
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- (72, 75) NYSTRÖM, Lars-Åke [SE/SE]; Solåsvägen 24, S-SE-632 33 ESKILSTUNA (SE). ERIKSSON, Dick [SE/SE]; Jansensväg 4, S-SE-430 31 FRILLESÅS (SE).
- (74) WENNBORG, Johan et al. / etc.; KRANSELL & WENNBORG AB, Box 27834, S-115 93 STOCKHOLM (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E05D
- (11) WO 2004/090270 (13) A2
- (21) PCT/EP2004/003816
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) de (26) de
- (30) 103 16 203.8 9 Apr/avr 2003 DE (09.04.2003)
- (30) 103 30 317.0 4 Jul/juil 2003 DE (04.07.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MOUNTING
- FERRURE
- (71) BOFFI S.P.A. [IT/IT]; Via Oberdan, 70, I-Lentate sul Seveso (Milano) (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WANGEN, Norbert [CH/CH]; Casa San Giovanni, CH-6922 Morcote (CH).
- (74) VOSSIUS & PARTNER; Siebertstrasse 4, 81675 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E05D
- (11) WO 2004/090272 (13) A1
- (21) PCT/EP2004/003725
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 03008275.4 9 Apr/avr 2003 EP (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • GUIDE SYSTEM
- SYSTEME DE GUIDAGE
- (71) CARDO DOOR PRODUCTION AB [SE/SE]; P.O. box 160, S-423 21 Torslanda (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OLSSON, Bo [SE/SE]; Pennygängen 55, S-414 82 Göteborg (SE).

Declaration / Déclaration :

(u) for / pour US only / seulement

(74) AWAPATENT AB; Box 11394, S-404 28 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E05D 15/24, E05F 5/00

(11) WO 2004/090272 (13) A1

(21) PCT/EP2004/003726

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 03008273.9 9 Apr/avr 2003 EP (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OVERHEAD SLIDING DOOR ARRANGEMENT
• DISPOSITIF DE PORTE BASCULANTE

(71) CARDO DOOR PRODUCTION AB [SE/SE]; P.O. box 160, S-423 21 Torslanda (SE).

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(72, 75) OLSSON, Bo [SE/SE]; Pennygången 55, S-414 82 Göteborg (SE).

(74) AWAPATENT AB; Box 11394, S-404 28 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E05F 15/10, B60J 1/00, 5/00, 7/057, G01L 1/16

(11) WO 2004/090273 (13) A1

(21) PCT/JP2004/005153

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ja (26) ja

(30) 2003-105084 9 Apr/avr 2003 JP (09.04.2003)

(30) 2003-107614 11 Apr/avr 2003 JP (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MOVING DEVICE AND OPEN/CLOSE CONTROL DEVICE FOR MOVING BODY

• DISPOSITIF MOBILE ET DISPOSITIF DE COMMANDE D'OUVERTURE ET FERMETURE PERMETTANT DE DEPLACER UN CORPS

(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) OGINO, HiroyukiUEDA, ShigekiKASAI, Isao

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 13th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ E06B

(11) WO 2004/090274 (13) A1

(21) PCT/EP2004/003889

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) BL2003A000004 9 Apr/avr 2003 IT (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SLIDING DOORS WITH CAM GUIDES FOR COPLANAR CLOSING, PARTICULARLY FOR PIECES OF FURNITURE OR SIMILARS

• PORTES COULISSANTES COMPORTANT DES GUIDES A CAMES DESTINEES A ETRE FERMEES DE FAÇON COPLANAIRE, NOTAMMENT CONÇUES POUR DES MEUBLES OU SIMILAIRES

(71) BORTOLUZZI MOBILI S.P.A. [IT/IT]; Via Caduti XIV Settembre 1944-n.45, I-32100 Belluno (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BORTOLUZZI, Guido [IT/IT]; Via Caduti XIV Settembre 1944-n.45, I-32100 Belluno (IT).

(74) BESZÉDES, Stephan, G.; Münchener Strasse 80a, Postbox 11 68, 85201 Dachau (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ E06B

(11) WO 2004/090275 (13) A2

(21) PCT/US2004/010410

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/459,965 4 Apr/avr 2003 US (04.04.2003)

(30) 10/815,829 2 Apr/avr 2004 US (02.04.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SOLID BARRIER SYSTEM
• SYSTEME DE BARRIERE SOLIDE

(71, 72) WALL, Michael, D. [US/US]; 1406 Transue Avenue, Burton, MI 48509 (US).

(74) LITMAN, Richard, C. et al. / etc.; Litman Law Offices, LTD., P.O. Box 15035, Crystal City Station, Arlington, VA 22215 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E21B 7/04, 7/28, 7/06

(11) WO 2004/090276 (13) A1

(21) PCT/US2004/009741

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,186 31 Mar/mar 2003 US (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DIRECTIONAL REAMING SYSTEM

• SYSTEME D'ALESAGE DIRECTIONNEL

(71) THE CHARLES MACHINE WORKS, INC. [US/US]; 1959 West Fir Avenue, P.O. Box 66, Perry, OK 73077-0066 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) SELF, Kelvin, P. [US/US]; 319 Wildwood Acres Drive, Stillwater, OK 74075 (US). GUNSAULIS, Floyd, R. [US/US]; 20498 County Road 180, Perry, OK 73077 (US). MULLINS, Stanley, H. [US/US]; 11301 Frontier, Perry, OK 73077 (US). STANGL, Gerald, A. [US/US]; 1918 South Iba Drive, Stillwater, OK 74074 (US). PAYNE, David, R. [US/US]; 1120 14th Street, Perry, OK 73077 (US).

(74) GRABLE, Lawrence, F.; McKinney & String, P.C., 101 North Robinson, Suite 1300, Oklahoma City, OK 73102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E21B 7/28

(11) WO 2004/090277 (13) A1

(21) PCT/RU2004/000117

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ru (26) ru

(30) 2003110466 11 Apr/avr 2003 RU (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HOLE OPENER

• DETENDEUR DE Puits DE FORAGE

(71) OTKRYTOE AKTSIONERNOE OBSHESTVO "TATNEFT" IM. V.D. SHASHINA [RU/RU]; ul. Lenina, 75, Almetievsk, Tatarstan, 423450 (RU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKHAUTDINOV, Shafagat Fakhrazovich [RU/RU]; ul. Beloglazova, 11a, Almetievsk, Tatarstan, 423450 (RU). IBRAGIMOV, Nail Gabdulbarievich [RU/RU]; ul. Chekhova, 33-g, Almetievsk, Tatarstan, 423450 (RU). KAVEEV, Khamit Zagirovich [RU/RU]; ul. Lenina, 38, p. N.Maktama, Almetievsk, Tatarstan, 423450 (RU). ABDRAKHAMANOV, Gabdrashit Sultanovich [RU/RU]; ul. Gogolya, 66-71, Bugulma, Tatarstan, 423230 (RU). KHAMITIANOV, Nigamatian Khamitovich [RU/RU]; ul. Kalinina, 65-29, Bugulma, Tatarstan, 423230 (RU). KASHAPOV, Ilgiz Kamaevich [RU/RU]; ul. Yamashcheva, 56, Bugulma, Tatarstan, 423230 (RU). ABDRAKHAMANOV, Ruslan Gabdrashitovich [RU/RU]; ul. Kedrova, 21-2, Moscow, 117036 (RU).

(74) OBSHESTVO S OGRANICHENNOI OTVETSTVENNOSTJU "SOJUZ-PATENT"; ul. Iliinka, 5/2, Moscow, 103735 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E21B 17/07

(11) WO 2004/090278 (13) A1

(21) PCT/NO2003/000121

(22) 14 Apr/avr 2003 (14.04.2003)

(25) no (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DYNAMIC DAMPER FOR USE IN A DRILL STRING

• AMORTISSEUR DYNAMIQUE POUR TRAIN DE TIGES

(71, 72) HAUGHOM, Per, Olav [NO/NO]; Høgåsen 12, N-4440 TONSTAD (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 NI NO NZ OMPH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E21B 19/06, 19/10

(11) WO 2004/090279 (13) A1

(21) PCT/US2004/010442

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,193 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND APPARATUS FOR HANDLING WELLBORE TUBULARS

• PROCEDE ET APPAREIL DE MANIPULATION DE MATERIEL TUBULAIRE POUR Puits DE FORAGE

(71) WEATHERFORD/LAMB, INC. [US/US]; 515 Post Oak Boulevard, Suite 600, Houston, TX 77027 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCDANIEL, Gary [US/US]; 11909 Spencer Road, FM 529, Houston, TX 77041 (US). THOMAS, Allen, Keith, Jr. [US/US]; 11909 Spencer Road, FM 529, Houston, TX 77041 (US). CUMMINS, Pat [US/US]; 11909 Spencer Road, FM 529, Houston, TX 77041 (US). HILL, Troy [US/US]; 11909 Spencer Road, FM 529, Houston, TX 77041 (US). CUMMINS, Tracy [US/US]; 11909 Spencer Road, FM 529, Houston, TX 77041 (US). BOUTWELL, Doyle [US/US]; 11909 Spencer Road, FM 529, Houston, TX 77041 (US). HAYES, Michael [US/US]; 109 Thornwood Circle, Lafayette, LA 70503 (US).

(74) PATTERSON, William, B. et al. / etc.; Moser, Patterson & Sheridan, L.L.P., 3040 Post Oak Boulevard, Suite 1500, Houston, TX 77056 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 29/04, 31/00

(11) WO 2004/090280 (13) A1

(21) PCT/NO2004/000093

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 20031667 11 Apr/avr 2003 NO (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND DEVICE FOR THE CONTROLLED DISCONNECTION OF A WIRELINE

- PROCEDE ET DISPOSITIF POUR DECONNECTER DE MANIERE COMMANDEE UN CABLE METALLIQUE
- (71) **SMEDVIG OFFSHORE AS** [NO/NO]; P.O. Box 110, N-4001 Stavanger (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DREGGEVIK, Mikal** [NO/NO]; Varhaugv. 23, TAU, 4120 (NO).
- (74) **HÅMSØ PATENTBYRÅ ANS**; P.O. Box 171, N-4302 Sandnes (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 43/02**
- (11) **WO 2004/090281** (13) A1
- (21) PCT/GB2004/001497
- (22) **6 Apr/avr 2004 (06.04.2004)**
- (25) en (26) en
- (30) 10/408,800 **7 Apr/avr 2003 US (07.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHODS AND COMPOSITIONS FOR STABILIZING UNCONSOLIDATED SUBTERRANEAN FORMATIONS
- PROCEDES ET COMPOSITIONS PERMETTANT DE STABILISER DES FORMATIONS SOUTERRAINES NON CONSOLIDÉES
- (71) **HALLIBURTON ENERGY SERVICES, INC.** [US/US]; P O Box 1431, Duncan, OK 73533 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **WAIN, Christopher, Paul** [GB/GB]; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).
(only for / seulement pour MW)
- (72, 75) **NGUYEN, Phillip, D.** [US/US]; 1107 Jones Avenue, Duncan, OK 73533 (US).
BARTON, Johnny, A. [US/US]; 1002 N 2nd Street, Marlow, OK 73055 (US).
ISENBERG, O., Marlene [US/US]; 1290 Woodside, Duncan, OK 73533 (US).
- (74) **WAIN, Christopher Paul 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **E21B 43/12**
- (11) **WO 2004/090283** (13) A1
- (21) PCT/CA2004/000478
- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) en (26) en
- (30) 2,424,745 **9 Apr/avr 2003 CA (09.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • APPARATUS AND METHOD FOR ENHANCING PRODUCTIVITY OF NATURAL GAS WELLS
- APPAREIL ET PROCEDE PERMETTANT D'AUGMENTER LA PRODUCTIVITE DE PUITTS DE GAZ NATUREL
- (71) **OPTIMUM PRODUCTION TECHNOLOGIES INC.** [CA/CA]; 9541 - 21 Street SE, Calgary, Alberta T2C 4G1 (CA).
- (72) **WILDE, Glenn**; 9541 - 21 Street SE, Calgary, Alberta T2C 4G1 (CA).
- (74) **TOMKINS, Donald, V.**; Tomkins Law Office, #740, 10150 - 100 Street, Edmonton, Alberta T5J 0P6 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(s) for all designations / pour toutes les désignations
-
- (51)⁷ **E21B 43/20**
- (11) **WO 2004/090284** (13) A1
- (21) PCT/NO2004/000091
- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) en (26) en
- (30) 20031569 **8 Apr/avr 2003 NO (08.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A METHOD AND APPARATUS FOR TREATMENT OF WATER FOR AN INJECTION WELL
- PROCEDE ET APPAREIL POUR TRAITER DE L'EAU UTILISEE DANS UN PUITTS D'INJECTION
- (71) **SØRKO AS** [—/NO]; P.O. Box 8040, N-4068 Stavanger (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PINCHIN, Dave** [GB/NO]; Smaleveien 23, N-4085 Hundvåg (NO).
- (74) **HÅMSØ PATENTBYRÅ ANS**; P.O. Box 171, N-4302 Sandnes (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ E21B 44/00

(11) WO 2004/090285 (13) A1

(21) PCT/US2004/010115

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,283 31 Mar/mar 2003 US
(31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • REAL-TIME DRILLING OPTIMIZATION BASED ON MWD DYNAMIC MEASUREMENTS
• OPTIMISATION DE FORAGE EN TEMPS REEL BASEE SUR DES MESURES DYNAMIQUES MWD

(71) BAKER HUGHES INCORPORATED [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(72) DASHEVSKIY, Dmitriy; Kirchweg 11, 29223 Celle (DE). MACPHERSON, John; 2927 Planters Street, Sugar Land, TX 77479 (US). DUBINSKY, Vladimir; 9103 Corral Corner Court, Houston, TX 77064 (US). MCGINLEY, Pat; 3926 Palace Springs, Sugar Land, TX 77479 (US).

(74) WELBORN, Brian, S. et al. / etc.; Baker Hughes Incorporated, 2001 Rankin Road, Houston, TX 77073 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ E21B 47/00, 44/00

(11) WO 2004/090286 (13) A1

(21) PCT/FI2004/000214

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 20030554 11 Apr/avr 2003 FI
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • SYSTEM FOR MANAGING BORE-HOLE INFORMATION
• SYSTEME DE GESTION DE L'INFORMATION DE TROUS DE MINE

(71) SANDVIK TAMROCK OY [FI/FI]; Pihlisulunkatu 9, FI-33330 Tampere (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UITTO, Vesa [FI/FI]; Välikuja 4, FI-33720 Tampere (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FI-00121 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ E21B 47/01

(11) WO 2004/090287 (13) A1

(21) PCT/FI2004/000219

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 20030553 11 Apr/avr 2003 FI
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • DRILL HOLE MEASURING DEVICE AND ROCK DRILLING UNIT
• DISPOSITIF DE MESURE D'UN TROU DE FORAGE ET UNITE PERFORATRICE DE ROCHES

(71) SANDVIK TAMROCK OY [FI/FI]; Pihlisulunkatu 9, FI-33330 Tampere (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UITTO, Vesa [FI/FI]; Välikuja 4, FI-33720 Tampere (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, PO Box 148, FI-00121 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ E21D

(11) WO 2004/090288 (13) A2

(21) PCT/US2004/010035

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,341 1 Apr/avr 2003 US
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • CONTROLLER THERMAL EXPANSION OF WELDS TO ENHANCE TOUGHNESS
• REGULATION DE LA DILATATION THERMIQUE DES PUIITS EN VUE D'AMELIORER LA TENACITE

(71) THE NANOSTEEL COMPANY [US/US]; Maitland Promenade, 485 North Keller Road, Suite 100, Maitland, FL 32751 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRANAGAN, Daniel, James [US/US]; 6854 East Sunnyside, Idaho Falls, ID 83406 (US).

(74) GROSSMAN, Steven, J. et al. / etc.; Grossman, Tucker, Perreault & Pflieger, PLLC, 55 South Commercial Street, Manchester, NH 03101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01C 1/344, 1/348

(11) WO 2004/090289 (13) A1

(21) PCT/IT2003/000213

(22) 8 Apr/avr 2003 (08.04.2003)

- (25) en (26) en
 (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ROTARY ENGINE FOR MOTOR VEHICLES WITH VERY LOW CONSUMPTION AND POLLUTION RATE
 • MOTEUR ROTATIF POUR VEHICULE AUTOMOBILES A TRES FAIBLE TAUX DE CONSOMMATION ET DE POLLUTION
- (71, 72) PATRONO, Vittorio [IT/IT]; Via Pietro Nenni, 14, I-27011 Belgioioso (IT).
- (74) RICCARDI, Sergio; Via Macedonio Meloni, 32, I-20129 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F01D 5/20, 21/04, 11/08
 (11) WO 2004/090290 (13) A2
 (21) PCT/EP2004/050512
 (22) 13 Apr/avr 2004 (13.04.2004)
 (25) de (26) de
 (30) 2003 0674/03 14 Apr/avr 2003 CH (14.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • THERMAL TURBOMACHINE
 • TURBOMACHINE THERMIQUE
- (71) ALSTOM Technology Ltd [CH/CH]; Brown Boveri Strasse 7, CH-5400 Baden (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CAMPINO, JOHNSON, Nicolas [DE/CH]; Dynamostrasse 1, CH-5400 Baden (CH). HOEBEL, Matthias [DE/CH]; Dorfstrasse 82, CH-5210 Windisch (CH). HURTER, Jonas [CH/CH]; St. Ursusstrasse 7, CH-5400 Baden (CH). NIEDERBERGER, Christoph [CH/CH]; Stanglisbühl, CH-6383 Wiesenberg (CH).
- (74) ALSTOM Technology Ltd; CHTI Intellectual Property, Brown Boveri Str. 7/699/5, CH-5401 Baden (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F01M
 (11) WO 2004/090292 (13) A2
 (21) PCT/EP2004/003659
 (22) 31 Mar/mar 2004 (31.03.2004)
 (25) en (26) en
 (30) RE2003A000035 9 Apr/avr 2003 IT (09.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DEVICE FOR SEPARATING FLUIDS OF DIFFERENT DENSITY
 • DISPOSITIF POUR SEPARER DES FLUIDES DE DIFFERENTE DENSITE
- (71) UFI FILTERS S.P.A. [IT/IT]; 26, Via Europa, I-46047 Porto Mantovano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GIRONDI, Giorgio [IT/IT]; 14, Vicolo Carbone, I-46100 Mantova (IT).
- (74) CORRADINI, Corrado et al. / etc.; 4, Via Dante Alighieri, I-42100 Reggio Emilia (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F01N 3/00
 (11) WO 2004/090293 (13) A2
 (21) PCT/FR2004/000836
 (22) 2 Apr/avr 2004 (02.04.2004)
 (25) fr (26) fr
 (30) 03/04214 4 Apr/avr 2003 FR (04.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FILTER BLOCK FOR FILTERING PARTICLES CONTAINED IN THE EXHAUST GAS OF A COMBUSTION ENGINE
 • BLOC FILTRANT POUR LA FILTRATION DE PARTICULES CONTENUES DANS LES GAZ D'ECHAPPEMENT D'UN MOTEUR A COMBUSTION INTERNE.
- (71) SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN [FR/FR]; "Les Miroirs", 18 avenue d'Alsace, F-92400 Courbevoie (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARDON, Sébastien [FR/FR]; -, 48 rue Molière, F-69006 Lyon (FR). GLEIZE, Vincent [FR/FR]; -, 187 Chemin des Belly, F-84450 Saint-Saturnin les Avignon (FR).
- (74) CABINET JP COLAS; 37, avenue Franklin D. Roosevelt, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01N 3/022, 3/28, B01D 53/94

(11) WO 2004/090294 (13) A1

(21) PCT/FR2004/000786

(22) 29 Mar/mar 2004 (29.03.2004)

(25) fr (26) fr

(30) 03 04052 1 Apr/avr 2003 FR (01.04.2003)

(30) 04 01080 4 Feb/fév 2004 FR (04.02.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FILTRATION STRUCTURE FOR THE EXHAUST GAS FROM AN INTERNAL COMBUSTION ENGINE

• STRUCTURE DE FILTRATION POUR LES GAZ D'ÉCHAPPEMENT D'UN MOTEUR A COMBUSTION INTERNE

(71) SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ÉTUDES EUROPEEN [FR/FR]; Les Miroirs, 18, avenue d'Alsace, F-92400 Courbevoie (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARDON, Sébastien [FR/FR]; 48, rue Molière, F-69006 Lyon (FR). GLEIZE, Vincent [FR/FR]; 187, Chemin des Belly, F-84450 Saint-Saturnin les Avignon (FR). ROMÉYER, Julien [FR/FR]; 38, avenue de Chambéry, F-74000 Annecy (FR).

(74) BLOT, Philippe et al. / etc.; 2, place d'Estienne d'Orves, F-75441 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F01N 3/031, 3/033

(11) WO 2004/090295 (13) A1

(21) PCT/SE2004/000445

(22) 24 Mar/mar 2004 (24.03.2004)

(25) sv (26) en

(30) 0301093-1 14 Apr/avr 2003 SE (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND DEVICE OF A PARTICLE FOR AN EXHAUST SYSTEM, SILENCER INCLUDING SUCH A DEVICE, AND A COMBUSTION ENGINE DRIVEN VEHICLE

• PROCÉDE ET DISPOSITIF CONCERNANT UN FILTRE A PARTICULES POUR UN SYSTÈME D'ÉCHAPPEMENT, SILENCIEUX COMPORTANT LEDIT DISPOSITIF ET VÉHICULE ENTRAÎNÉ PAR UN MOTEUR A COMBUSTION INTERNE

(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) OLOFSSON, Klas [SE/SE]; Anders Wisslers väg 4, S-647 31 Mariefred (SE).

(74) FORSELL, Hans; Scania CV AB, Patent, S-151 87 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01N 3/08, 3/20, F02D 41/02

(11) WO 2004/090296 (13) A1

(21) PCT/EP2004/001824

(22) 25 Feb/fév 2004 (25.02.2004)

(25) de (26) de

(30) 103 15 593.7 5 Apr/avr 2003 DE (05.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE AND METHOD FOR EXHAUST GAS AFTERTREATMENT

• DISPOSITIF ET PROCÉDE POUR LE TRAITEMENT SECONDAIRE DES GAZ D'ÉCHAPPEMENT

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUVINAGE, Frank [DE/DE]; Weiherstrasse 45/1, 73230 Kirchheim (DE). KEPPELER, Berthold [DE/DE]; Teckstrasse 45/6, 73277 Owen (DE). KRUTZSCH, Bernd [DE/DE]; Eichendorffstrasse 8, 73770 Denkendorf (DE). PAULE, Markus [DE/DE]; Matreier Strasse 10, 71404 Korb (DE). WEIBEL, Michel [DE/DE]; Oelschlägerstrasse 16, 70619 Stuttgart (DE).

(74) KOCHER, Klaus-Peter et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ F01N 3/20, 3/32

(11) WO 2004/090297 (13) A2

(21) PCT/AT2004/000115

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) GM 255/2003 10 Apr/avr 2003 AT (10.04.2003)

(30) GM 393/2003 5 Jun/juin 2003 AT (05.06.2003)

(30) GM 732/2003 23 Oct/oct 2003 AT (23.10.2003)

(30) GM 761/2003 3 Nov/nov 2003 AT (03.11.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • INTERNAL COMBUSTION ENGINE

• MOTEUR A COMBUSTION INTERNE

(71) AVL LIST GMBH [AT/AT]; Hans-List-Platz 1, A-8020 Graz (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CARTUS, Thomas [DE/AT]; Guldinweg 10, A-8055 Graz (AT). BRAUN, Axel [DE/AT]; Stiftingtalstrasse 167A, A-8010 Graz (AT). SEITZ, Hans, Felix [AT/AT]; Mariatrosterstrasse 172d, A-8044 Graz (AT). BERGHOF, Frank [DE/AT]; Trattenweg 7b, A-8101 Gratkorn (AT). WAGNER, Johann [AT/AT]; Kärntnerstrasse 218/37, A-8053 Graz (AT).

(74) BABELUK, Michael; Mariahilfer Gürtel 39/17, A-1150 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01P

(11) WO 2004/090298 (13) A2

(21) PCT/US2004/009783

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/407,401 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COOLANT SYSTEM FOR FUEL PROCESSOR

- SYSTEME DE REFROIDISSEMENT DESTINE A UN DISPOSITIF DE TRANSFORMATION DU COMBUSTIBLE
- (71) **TEXACO DEVELOPMENT CORPORATION** [US/US]; 6001 Bollinger Canyon Road, 3rd Floor, San Ramon, CA 94583 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DESPANDE, Vijay, A.** [US/US]; 5313 Navarro, Houston, TX 77056 (US). **WHEAT, William, S.** [US/US]; 3413 Crosby Landing, Missouri City, TX 77459 (US). **KRAUSE, Curtis, L.** [US/US]; 15802 Lakecliffe Drive, Houston, TX 77095 (US). **WORSLEY, Ralph, S.** [CA/CA]; 1102 Clarke Road, Brentwood Bay, British Columbia V8M 1C7 (CA).
- (74) **TURNER, Frank, C. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F01P 11/10, 5/06, F04D 29/08**
(11) **WO 2004/090299** (13) A1
(21) PCT/EP2004/001954
(22) **27 Feb/fév 2004 (27.02.2004)**
(25) de (26) de
(30) 103 16 108.2 **9 Apr/avr 2003** DE (09.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SEALING ELEMENT FOR A COOLING MODULE SYSTEM OF A MOTOR VEHICLE AND COOLING MODULE SYSTEM HAVING SUCH A SEALING ELEMENT
- ELEMENT D'ETANCHEITE POUR ENSEMBLE MODULE DE REFROIDISSEMENT D'UN VEHICULE AUTOMOBILE, ET ENSEMBLE MODULE DE REFROIDISSEMENT POURVU D'UN TEL ELEMENT D'ETANCHEITE
- (71) **DAIMLERCHRYSLER AG** [DE/DE]; Eppelstrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TONHÄUSER, Jochen** [DE/DE]; Wi-flingshauser Strasse 105, 73732 Esslingen (DE). **WEBER, Willi** [DE/DE]; Weinsberger Strasse 7, 74535 Mainhardt (DE).
- (74) **KREISER, André et al. / etc.**; Daimler-Chrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F02B**
(11) **WO 2004/090300** (13) A2
(21) PCT/NO2004/000087
(22) **26 Mar/mar 2004 (26.03.2004)**
(25) en (26) en
(30) 20031570 **8 Apr/avr 2003** NO (08.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A POWER TRANSMISSION DEVICE FOR A COMBUSTION ENGINE
- DISPOSITIF DE TRANSMISSION DE PUISSANCE POUR MOTEUR A COMBUSTION
- (71, 72) **REINSHORN, Øystein, V.** [—/NO]; Stokkaveien 21, N-4024 Stavanger (NO).
- (74) **HÅMSØ PATENTBYRÅ ANS**; P.O. Box 171, N-4302 Sandnes (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F02B 1/12, 17/00**
(11) **WO 2004/090301** (13) A1
(21) PCT/FR2004/050115
(22) **19 Mar/mar 2004 (19.03.2004)**
(25) fr (26) fr
(30) 0304231 **4 Apr/avr 2003** FR (04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SELF-IGNITING PETROL INTERNAL COMBUSTION ENGINE
- MOTEUR A COMBUSTION INTERNE A ESSENCE ET A AUTO-ALLUMAGE
- (71) **PEUGEOT CITROEN AUTOMOBILES** [FR/FR]; Route de Gisy, F-78140 VELIZY VILLACOUBLAY (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DUVERGER, Thierry** [FR/FR]; 44 rue du moulin Fidcl, F-92350 LE PLESSIS

- ROBINSON (FR). **DEHARTE, Elodie** [FR/FR]; 1 place Corneille, F-92100 BOULOGNE BILLANCOURT (FR).
- (74) **DE CUENCA**; PEUGEOT CITROEN AUTOMOBILES, Département Propriété Industrielle (081), 18 rue des Fauvelles, F-92250 LA GARENNE COLOMBES (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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(u) for / pour US only / seulement
-
- (51)⁷ **F02B 1/12**
(11) **WO 2004/090302** (13) A1
(21) PCT/KR2004/000633
(22) **23 Mar/mar 2004 (23.03.2004)**
(25) en (26) en
(30) 10-2003-0022892 **11 Apr/avr 2003** KR (11.04.2003)
(30) 10-2003-0070335 **9 Oct/oct 2003** KR (09.10.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PREMIXED CHARGE COMPRESSION IGNITION ENGINE AND RECIPROCATING GENERATOR HAVING THE SAME
- MOTEUR A ALLUMAGE PAR COMPRESSION DE MELANGE PREME-LANGE ET GENERATEUR RECIPROQUE CONTENANT LEDIT MOTEUR
- (71, 72) **LEE, Chan-Jae** [KR/KR]; 803, Rose Green Town, 535-7 Sinwool 4-dong, Yangcheon-gu, Seoul 158-094 (KR).
- (72, 75) **LEE, Jeong-Woo** [KR/KR]; 803, Rose Green Town, 535-7 Sinwool 4-dong, Yangcheon-gu, Seoul 158-094 (KR). **LEE, Sang-Hyeon** [KR/KR]; 803, Rose Green Town, 535-7 Sinwool 4-dong, Yangcheon-gu, Seoul 158-094 (KR).
- (74) **OH, Young-Kyun**; 202, Ace Techno Twin Tower 7, 212-30 Guro-dong, Guro-ku, Seoul 152-848 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F02B 29/04, F01P 7/16

(11) WO 2004/090303 (13) A1

(21) PCT/EP2004/003797

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 103 17 003.0 11 Apr/avr 2003 DE
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CIRCUIT ARRANGEMENT WHICH
COOLS CHARGING AIR AND
METHOD FOR THE OPERATION OF
SAID TYPE OF CIRCUIT ARRANGE-
MENT

• DISPOSITIF DE CIRCUIT POUR RE-
FROIDIR L'AIR DE SURALIMENTA-
TION ET PROCÉDÉ POUR FAIRE
FONCTIONNER UN DISPOSITIF DE
CE TYPE

(71) BEHR GMBH & CO. KG [DE/DE];
Mauserstrasse 3, 70469 Stuttgart (DE).
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les États désignés sauf US)*

(72, 75) BUNDSCHUH, Steffen [DE/DE];
Tübinger Strasse 10, 70178 Stuttgart
(DE). PANTOW, Eberhard [DE/DE];
Ellen-Key-Weg 8, 71696 Möglingen (DE).
PARMENTIER, Sarah [FR/DE]; Schul-
strasse 21, 70839 Gerlingen (DE). ROGG,
Stefan [DE/DE]; Feuerleinstrasse 4, 70193
Stuttgart (DE).

(74) BEHR GMBH & CO. KG; Intellectual
Property, G-IP, Mauserstrasse 3, 70469
Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) *for / pour US only / seulement*

(51)⁷ F02B 29/08, F02D 9/14

(11) WO 2004/090304 (13) A1

(21) PCT/AT2004/000121

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) A 549/2003 9 Apr/avr 2003 AT
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SWITCHING UNIT IN THE INTAKE
SYSTEM OF A RECIPROCATING PIS-
TON COMBUSTION ENGINE

• UNITE DE COMMUTATION DANS UN
SYSTEME D'ADMISSION D'UN MO-
TEUR A COMBUSTION INTERNE A
PISTON ALTERNATIF

(71) HOERBIGER VALVETEC GMBH
[AT/AT]; Prinz-Eugen-Strasse 70, A-1040
Wien (AT).

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les États désignés sauf US)*

(72, 75) STEINRÜCK, Peter [AT/AT]; Lahn
195, A-4830 Hallstatt (AT). SPIEGL, Bern-
hard [AT/AT]; Wällischgasse 7/12a, A-1030
Wien (AT).

(74) PINTER, Rudolf et al. / etc.; Prinz-Eugen-
Strasse 70, A-1040 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F02B 37/02, 37/16, F01N 3/26, F02B
37/00, F01N 3/34, F02B 37/20, F01N 3/38,
F23C 7/06

(11) WO 2004/090305 (13) A1

(21) PCT/GB2004/001494

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 0308013.2 7 Apr/avr 2003 GB
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COMBUSTION UNIT FOR TUR-
BOCHARGER
• UNITE DE COMBUSTION POUR TUR-
BOCOMPRESSEUR

(71) PRODRIVE 2000 LIMITED [GB/GB];
Acorn Way, Banbury, Oxfordshire OX16
7XS (GB).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) BROADBENT, Roland [GB/GB];
Acorn Way, Banbury, Oxfordshire OX16
7XS (GB).

(74) COWAN, David, Robert et al. / etc.; With-
ers & Rogers, Goldings House, 2 Hays Lane,
London SE1 2HW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F02B 75/38, 75/04

(11) WO 2004/090306 (13) A1

(21) PCT/GB2004/001483

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 0308524.8 12 Apr/avr 2003 GB
(12.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PISTON

• PISTON

(71) GALVIN, George, Frederic [GB/GB]; 9
Christchurch Road, Sidcup, Kent DA15 7HG
(GB).

(74) PRATT, David, Martin; David Pratt & Co,
7 Parkhill Road, Sidcup, Kent DA15 7NW
(GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ F02B 77/13

(11) WO 2004/090307 (13) A1

(21) PCT/EP2004/002957

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 103 17 305.6 14 Apr/avr 2003 DE
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COVER FOR A UNIT IN THE ENGINE
COMPARTMENT OF A MOTOR VEHI-
CLE

• ELEMENT DE RECOUVREMENT
POUR GROUPE MONTE DANS LE
COMPARTIMENT MOTEUR D'UN VE-
HICULE AUTOMOBILE

(71) CARCOUSTICS TECH CENTER GMBH
[DE/DE]; Neuenkamp 8, 51381 Leverkusen
(DE).

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les États désignés sauf US)*

(72, 75) WINKLER, Detlef [DE/DE];
Nelly-Sachs Strasse 17, 38446 Wolfsburg
(DE).

(74) MEYER, Hans-Joachim; Cohausz & Flo-
rack, Bleichstrasse 14, 40211 Düsseldorf
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK

DMDZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F02D 11/10, 11/00, 9/02

(11) WO 2004/090308 (13) A1

(21) PCT/IB2004/001100

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 2003-105171 9 Apr/avr 2003 JP
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • THROTTLE CONTROL IN INTERNAL
COMBUSTION ENGINE FOR NOISE
REDUCTION
• COMMANDE DES GAZ D'UN MO-
TEUR A COMBUSTION INTERNE
DESTINEE A LA REDUCTION DU
BRUIT

(71) TOYOTA JIDOSHA KABUSHIKI
KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi,
Aichi-ken 471-8571 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) TAKEUCHI, Nobutaka [JP/JP]; c/o
Toyota Jidosha Kabushiki Kaisha, 1, Toy-
ota-cho, Toyota-shi, Aichi-ken 471-8571
(JP). NAGAI, Shinji [JP/JP]; c/o Toyota
Jidosha Kabushiki Kaisha, 1, Toyota-cho,
Toyota-shi, Aichi-ken 471-8571 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F02D 19/06

(11) WO 2004/090309 (13) A1

(21) PCT/BR2003/000153

(22) 31 Oct/oct 2003 (31.10.2003)

(25) en (26) en

(30) PI0300951-3 10 Apr/avr 2003 BR
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A FEEDING SYSTEM FOR AN INTER-
NAL COMBUSTION ENGINE WORK-
ING WITH PLURALITY OF FUELS,

AND A METHOD OF STARTING SUCH
AN ENGINE

• SYSTEME D'ALIMENTATION D'UN
MOTEUR A COMBUSTION INTERNE
UTILISANT UNE PLURALITE DE
CARBURANTS ET PROCEDE DE DE-
MARRAGE DU MOTEUR

(71) VOLKSWAGEN DO BRASIL LTDA.
[BR/BR]; Estrada Marginal da Via Anchieta,
Km 23, 5, Ala 17, -Demarchi, BR-09870-900
São Bernardo do Campo (BR).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) IWAMOTO, Hideki [BR/BR]; Rua
Bom Pastor, 976 Apto 12, Ipiranga,
BR-04203-001 São Paulo (BR).

(74) DANNEMANN, SIEMSEN, BIGLER
& IPANEMA MOREIRA; Caixa Postal
2142, Rua Marquês de Olinda, 70, Botafogo,
CEP-22251-040 Rio de Janeiro, RJ (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (b)

(51)⁷ F02D 31/00, 41/06, 41/14

(11) WO 2004/090310 (13) A1

(21) PCT/EP2004/003620

(22) 6 Apr/avr 2004 (06.04.2004)

(25) de (26) de

(30) 103 15 881.2 8 Apr/avr 2003 DE
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR ENGINE SPEED CON-
TROL

• PROCEDE DE REGLAGE DE VITESSE

(71) MTU FRIEDRICHSHAFEN GMBH
[DE/DE]; Maybachplatz 1, 88045
Friedrichshafen (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) DÖLKER, Armin [DE/DE]; Secstrasse
West 34B, 88090 Immenstaad (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F02D 35/02, 21/08, 41/14, 43/00

(11) WO 2004/090311 (13) A1

(21) PCT/EP2004/001518

(22) 18 Feb/fév 2004 (18.02.2004)

(25) de (26) de

(30) 103 16 112.0 9 Apr/avr 2003 DE
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR OPERATING AN AU-
TOMATICALLY IGNITING INTERNAL
COMBUSTION ENGINE

• PROCEDE POUR FAIRE FONCTION-
NER UN MOTEUR A COMBUSTION
INTERNE A AUTO-ALLUMAGE

(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-
plestrasse 225, 70567 Stuttgart (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) GÄRTNER, Uwe [DE/DE]; Ziegelweg
6/1, 73630 Remshalden (DE).

(74) KREISER, André et al. / etc.; Daimler-
Chrysler AG, Intellectual Property Manage-
ment, IMP - C106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ F02D 35/02, 41/40

(11) WO 2004/090312 (13) A1

(21) PCT/EP2004/003723

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) 103 16 113.9 9 Apr/avr 2003 DE
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OPERATING METHOD FOR A SELF-
IGNITION INTERNAL COMBUSTION
ENGINE

• PROCEDE POUR FAIRE FONCTION-
NER UN MOTEUR A COMBUSTION
INTERNE A ALLUMAGE AUTOMA-
TIQUE

(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-
plestrasse 225, 70567 Stuttgart (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) GÄRTNER, Uwe [DE/DE]; Ziegelweg
6/1, 73630 Remshalden (DE).

(74) KOLB, Georg et al. / etc.; DaimlerChrysler
AG, Intellectual Property Management,
IPM/C-106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02D 41/18, G01F 1/76, F02D 41/26

(11) WO 2004/090313 (13) A1

(21) PCT/EP2004/002600

(22) 12 Mar/mar 2004 (12.03.2004)

(25) de (26) de

(30) 103 16 291.7 9 Apr/avr 2003 DE (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR CONTROLLING A COMBUSTION ENGINE
• PROCEDE D'EXPLOITATION D'UN MOTEUR A COMBUSTION INTERNE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
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(72, 75) DINGL, Jürgen [AT/DE]; Rotdornweg 34, 93055 Regensburg (DE). HENN, Michael [DE/DE]; Heinrich-von-Kleist-Strasse 2, 38165 Lehre (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02D 41/20

(11) WO 2004/090314 (13) A1

(21) PCT/EP2004/050187

(22) 23 Feb/fév 2004 (23.02.2004)

(25) de (26) de

(30) 10315815.4 7 Apr/avr 2003 DE (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR DETERMINING THE INDIVIDUAL CONTROL VOLTAGE OF A PIEZOELECTRIC ELEMENT

• PROCÉDÉ POUR DÉTERMINER LA TENSION D'AMORÇAGE INDIVIDUELLE D'UN ÉLÉMENT PIÉZO-ÉLECTRIQUE

(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) SUTTER, Kai [DE/DE]; Kissinger Strasse 70, 70372 Stuttgart (DE). RAU, Andreas [DE/DE]; Lengefeldweg 10, 70499 Stuttgart (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02D 41/34, 41/24, 41/40

(11) WO 2004/090315 (13) A1

(21) PCT/EP2004/003303

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 103 16 811.7 11 Apr/avr 2003 DE (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR DETERMINING THE INJECTION DURATION IN A COMBUSTION ENGINE WITH A MAPPING VALUE AND A CORRECTION VALUE, AND METHOD FOR DETERMINING THE CORRECTION VALUE

• PROCEDE POUR DETERMINER UNE DUREE D'INJECTION DANS UN MOTEUR A COMBUSTION INTERNE AVEC UNE VALEUR DE CARACTERISTIQUES ET UNE VALEUR DE CORRECTION, ET PROCEDE POUR DETERMINER LA VALEUR DE CORRECTION

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FRITSCH, Jürgen [DE/DE]; Gärtnerstr. 4a, 93059 Regensburg (DE). KONGTORANIN, Treerapot [TH/DE]; Weinweg 51, 93049 Regensburg (DE). LENTINI, Antonio [IT/DE]; Glockengasse 8, 93047 Regensburg (DE). NIENHOFF, Michael [DE/DE]; Grunewaldstr. 6, 93053 Regensburg (DE). VALERO-BERTRAND, Diego [ES/DE]; Am Ölberg 5, 93047 Regensburg (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F02D 41/40, F02B 3/04

(11) WO 2004/090316 (13) A1

(21) PCT/FR2004/050116

(22) 19 Mar/mar 2004 (19.03.2004)

(25) fr (26) fr

(30) 03042233 4 Apr/avr 2003 FR (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PETROL INTERNAL COMBUSTION ENGINE WITH CONTROLLED IGNITION AND A VERY HIGH PRESSURE INJECTION SYSTEM

• MOTEUR A COMBUSTION INTERNE A ESSENCE ET A ALLUMAGE COMMANDE COMPRENANT UN SYSTEME D'INJECTION A TRES HAUTE PRESSION

(71) PEUGEOT CITROEN AUTOMOBILES SA [FR/FR]; route de Gisy, F-78140 VILLACOUBLAY (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROBINET, Cyril [FR/FR]; Appartement 106 bât. D, 80 rue Gabriel Peri, F-91430 IGNY (FR).

(74) DE CUENCA; PEUGEOT CITROEN AUTOMOBILES, Département Propriété Industrielle (081), 18 rue des Fauvelles, F-92250 LA GARENNE COLOMBES (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :
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(51)⁷ F02D 45/00, F02N 11/08

(11) WO 2004/090317 (13) A1

(21) PCT/JP2004/004858

(22) 2 Apr/avr 2004 (02.04.2004)

- (25) ja (26) ja
- (30) 2003-100334 **3 Apr/avr 2003** JP
(03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ENGINE START CONTROL DEVICE AND METHOD
• DISPOSITIF ET PROCEDE DE COMMANDE DE DEMARRAGE DE MOTEUR
- (71) KEIHIN CORPORATION [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0539 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ONO, Masato [JP/JP]; c/o Keihin Corporation, Tochigi Research & Development Center, 2021-8, Aza Saginoyahigashi, Hoshakujji, Takanezawa-machi, Shiyoa-gun, Tochigi 329-1233 (JP).
- (74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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
- (11) WO 2004/090319 (13) A2
- (21) PCT/US2004/009964
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 10/405,177 **2 Apr/avr 2003** US
(02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SYSTEM FOR AND METHODS OF OPERATING DIESEL ENGINES TO REDUCE HARMFUL EXHAUST EMISSIONS AND TO IMPROVE ENGINE LUBRICATION
• SYSTEME ET PROCEDE DE MISE EN MARCHÉ DE MOTEURS DIESEL AFIN DE REDUIRE LES EMISSIONS DE GAZ D'ÉCHAPPEMENT NUISIBLES ET D'AMÉLIORER LA LUBRIFICATION DU MOTEUR
- (71, 72) RIM, Julius, J. [US/US]; Intermet Ltd., 7405 Sandy Creek Court, Bloomfield Hills, MI 48301 (US).
- (74) BLACKMAN, William, D.; Carrier, Blackman & Associates, P.C., 24101 Novi Road Suite 100, Novi, MI 48375 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F02F 5/00, F16J 9/06
- (11) WO 2004/090318 (13) A1
- (21) PCT/JP2004/004952
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) ja (26) ja
- (30) 2003-103350 **7 Apr/avr 2003** JP
(07.04.2003)
- (30) 2003-103497 **7 Apr/avr 2003** JP
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COMBINATION OIL RING
• SEGMENT RACLEUR COMBINE
- (71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). NIPPON PISTON RING CO. LTD. [JP/JP]; 12-10, Honmachi-Higashi 5-chome, Chuou-ku, Saitama-shi, Saitama 338-8503 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUZUKI, Takao [JP/JP]; C/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). SEKI, Kazuhito [JP/JP]; C/o Nippon Piston Ring Co., Ltd., 12-10, Honmachi-higashi 5-chome, Chuou-ku, Saitama-shi, Saitama 338-8503 (JP). SHIBATA, Shiro [JP/JP]; C/o Nippon Piston Ring Co., Ltd., 12-10, Honmachi-higashi 5-chome, Chuou-ku, Saitama-shi, Saitama 338-8503 (JP). MATSUSHIMA, Nobuyuki [JP/JP]; C/o Nippon Piston Ring Co., Ltd., Tochigi Factory, 1111,
- (30) 0304227 **4 Apr/avr 2003** FR
(04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • INTERNAL COMBUSTION ENGINE WITH DIRECT PETROL INJECTION AND CONTROLLED IGNITION
• MOTEUR A COMBUSTION INTERNE A INJECTION DIRECTE D'ESSENCE ET A ALLUMAGE COMMANDE
- (71) PEUGEOT CITROEN AUTOMOBILES [FR/FR]; route de Gisy, F-78140 VELIZY VILLACOUBLAY (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SULKOWSKI, Pascal [FR/FR]; 230 rue Filliette Nicolas Philibert, F-92500 RUEIL MALMAISON (FR).
- (74) DE CUENCA; PEUGEOT CITROEN AUTOMOBILES, Brevets et Propriété Industrielle (081), 18 rue des Fauvelles, F-92250 LA GARENNE COLOMBES (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ F02M 55/00, 55/02
- (11) WO 2004/090321 (13) A1
- (21) PCT/JP2003/004387
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ACCUMULATOR FUEL FEED DEVICE
• DISPOSITIF D'ALIMENTATION EN CARBURANT A ACCUMULATEUR
- (71) BOSCH AUTOMOTIVE SYSTEMS CORPORATION [JP/JP]; 6-7, Shibuya 3-chome, Shibuya-ku, Tokyo 150-8360 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKAHASHI, Kinji [JP/JP]; c/o Bosch Automotive Systems Corporation, 13-26, Yakyucho 3-chome, Higashimatsuyama-shi, Saitama 355-8603 (JP). YATSUKAWA, Tetsuya [JP/JP]; c/o Bosch Automotive Systems Corporation, 13-26, Yakyucho 3-chome, Higashimatsuyama-shi, Saitama 355-8603 (JP).
- (74) ONUKI, Kazuyasu et al. / etc.; Shineimiya-masu Building 5th floor, 8-8, Shibuya 1-chome, Shibuya-ku, Tokyo 150-0002 (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 RO SE SK TR).
-
- (51)⁷ F02M 25/07
- (11) WO 2004/090320 (13) A2
- (21) PCT/FR2004/050114
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) fr (26) fr

(51)⁷ F02M 55/04, 61/16

(11) WO 2004/090322 (13) A1

(21) PCT/EP2004/002925

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 03008179.8 8 Apr/avr 2003 EP
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METERING DEVICE AND METHOD OF ASSEMBLING A METERING DEVICE

• DISPOSITIF DE MESURE ET PROCEDE D'ASSEMBLAGE D'UN DISPOSITIF DE MESURE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) D'ARRIGO, Angelo [IT/IT]; Via Filangeri 28, I-57013 Rosignano Solvay (IT).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02M 61/18, 61/08, 61/06

(11) WO 2004/090323 (13) A1

(21) PCT/EP2004/003024

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03008280.4 9 Apr/avr 2003 EP
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SPRAY PATTERN ELEMENT AND FUEL INJECTION VALVE WITH A SPRAY PATTERN ELEMENT

• ELEMENT A MOTIF DE PULVERISATION ET SOUPEPE D'INJECTION DE CARBURANT DOTE D'UN ELEMENT A MOTIF DE PULVERISATION

(71) SIEMENS VDO AUTOMOTIVE S. P. A. [IT/IT]; S.S. 206 - km 28 - Loc. Luciana, I-56040 Fauglia/Pisa (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) D'ARRIGO, Angelo [IT/IT]; Via Filangeri 28, I-57013 Rosignano Solvay (IT).

(74) SIEMENS VDO AUTOMOTIVE S. P. A.; Peter Berg, European Patent Attorney, Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/SE2004/000576

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 0301106-1 14 Apr/avr 2003 SE
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • WAVE POWER ASSEMBLY PROVIDED WITH AN ELECTROMAGNETIC DAMPING MEANS

• ENSEMBLE D'ENERGIE DE LA HOULE EQUIPE D'UN MOYEN D'AMORTISSEMENT ELECTROMAGNETIQUE

(71) SWEDISH SEABASED ENERGY AB [SE/SE]; Geijersgatan 56 A, S-752 31 Uppsala (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERNHOFF, Hans [SE/SE]; Geijersgatan 56A, S-752 31 Uppsala (SE). LEIJON, Mats [SE/SE]; Hävelvägen 6, S-756 47 Uppsala (SE).

(74) KARLSSON, Leif et al. / etc.; Groth & Co. KB, Box 6107, S-102 32 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK**TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement*(51)⁷ F03B 17/06

(11) WO 2004/090325 (13) A1

(21) PCT/GB2004/001421

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 0308060.3 8 Apr/avr 2003 GB
(08.04.2003)(30) 0326866.1 17 Nov/nov 2003 GB
(17.11.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • RECIPROCATING BLADE SYSTEM FOR ENERGY EXTRACTION FROM CURRENTS

• SYSTEME A PALES ALTERNATIVES POUR L'EXTRACTION D'ENERGIE DE COURANTS

(71, 72) MILLS, Lionel, William [GB/GB]; 5 Seafield View, Kinghorn, Fife KY3 9GT (GB).

(74) MACDOUGALL, Donald, Carmichael et al. / etc.; Marks & Clerk, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F03D 1/06

(11) WO 2004/090326 (13) A1

(21) PCT/EP2003/003813

(22) 12 Apr/avr 2003 (12.04.2003)

(25) en (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • REINFORCED HUB FOR THE ROTOR OF A WIND ENERGY TURBINE

• MOYEU RENFORCE DU ROTOR D'UNE TURBINE D'ENERGIE EOLIENNE

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US). SCHELLINGS, Vincent [NL/NL]; Park de Kotten 160, NL-7522 EH Enschede (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DELUCIS, Nicolas [DE/DE]; Emdener Strasse 30, 48155 Münster (DE).

(74) HILLERINGMANN, Jochen et al. / etc.; Deichmannhaus am Dom, 50667 Cologne (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F03D 9/00

(11) WO 2004/090327 (13) A2

(21) PCT/CH2004/000215

(22) 6 Apr/avr 2004 (06.04.2004)

(25) de (26) de

(30) 635/03 7 Apr/avr 2003 CH (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SUPPLY UNIT FOR POWER AND WATER BASED ON RENEWABLE ENERGY

• UNITE D'ALIMENTATION DE COURANT ET D'EAU A BASE D'ENERGIES RENOUVELABLES

(71, 72) NIEDERER, ROBERT [CH/CH]; Burgstrasse 87, 9000 St. Gallen (CH).

(74) FELBER & PARTNER AG; Dufourstrasse 116, 8034 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F03D 9/00

(11) WO 2004/090328 (13) A1

(21) PCT/KR2004/000811

(22) 7 Apr/avr 2004 (07.04.2004)

(25) ko (26) en

(30) 10-2003-0021586 7 Apr/avr 2003 KR (07.04.2003)

(30) 20-2004-0009502 7 Apr/avr 2004 KR (07.04.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • VEHICLE USING WIND FORCE

• VEHICULE UTILISANT LA FORCE EOLIENNE

(71) KIM, Jay Eung Jung [US/US]; 304-15, Carmel Avenue, Marina, 93933-3121 CA (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) KIM, Kwang Sik [KR/KR]; 9-20, Dongja-dong, Yong San -gu, 140-170 Seoul (KR).

(74) CHO, Sang Kyun; 402 Daimyung Building 746-22, Yeoksam-dong, Kangnam-ku, Seoul 135-925 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F03G

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(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,757 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PRESSURE DIFFERENTIAL-DRIVEN ENGINE

• MOTEUR ENTRAINE PAR DIFFERENTIEL DE PRESSION

(71, 72) GILBERT, William [US/US]; 3620 North Rancho Dr., Building 26, Suite 110, Las Vegas, NV 89130 (US).

(74) JONES, Jason, R. et al. / etc.; Thorpe North & Western LLP, P.O. Box 1219, Sandy, UT 84091-1219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F04B

(11) WO 2004/090330 (13) A2

(21) PCT/RU2004/000136

(22) 12 Apr/avr 2004 (12.04.2004)

(25) ru (26) ru

(30) 2003110690 14 Apr/avr 2003 RU (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SCREW PUMP

• POMPE A VIS

(71, 72) GORBASHOV, Sergei Ivanovich [RU/RU]; ul. 40 let Oktyabrya, 363-34, Frolovo, Volgogradskaya obl., 403518 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F04B 1/22, 15/02

(11) WO 2004/090331 (13) A1

(21) PCT/JP2003/007719

(22) 18 Jun/juin 2003 (18.06.2003)

(25) ja (26) ja

(30) 2003-98421 1 Apr/avr 2003 JP (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LIQUID JETTING DEVICE

• DISPOSITIF DE JET DE LIQUIDE

(71) NEUBERG COMPANY LIMITED [JP/JP]; 15-5, Taito 1-chome, Taito-ku, Tokyo 110-0016 (JP).

(72) OGAWA, Kenji; 6-15, Kichijojuminami-cho 1-chome, Musashino-shi, Tokyo 180-0003 (JP).

(74) KINOSHITA, Jitsuzo et al. / etc.; 3rd floor, Ogikubo TM building, 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167-0051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F04B 37/16, 49/06

(11) WO 2004/090332 (13) A1

(21) PCT/JP2004/005010

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 2003-107040 10 Apr/avr 2003 JP (10.04.2003)

(30) 2004-109348 1 Apr/avr 2004 JP (01.04.2004)

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DRY VACUUM PUMP AND METHOD OF STARTING SAME
• POMPE A VIDE SECHE ET SON PROCEDE DE DEMARRAGE
- (71) **EBARA CORPORATION** [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, 1448510 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **IJIMA, Naoki** [JP/JP]; c/o EBARA DENSAN LTD., 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, 1448510 (JP). **YANAGISAWA, Kiyoshi** [JP/JP]; c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, 1448510 (JP). **WATANABE, Jiro** [JP/JP]; c/o EBARA DENSAN LTD., 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, 1448510 (JP). **OJIMA, Yoshinori** [JP/JP]; c/o EBARA DENSAN LTD., 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, 1448510 (JP).
- (74) **MIYAGAWA, Teiji** et al. / etc.; 6th Floor, Fuji Bldg., 19, Aizumi-cho, Shinjuku-ku, Tokyo, 1600005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **F04B 39/04, F04C 29/02**
(11) **WO 2004/090333** (13) A1
(21) PCT/JP2004/005118
(22) **9 Apr/avr 2004 (09.04.2004)**
(25) ja (26) ja
(30) 2003-106411 **10 Apr/avr 2003** JP
(10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • HERMETIC COMPRESSOR
• COMPRESSEUR HERMETIQUE
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAWANO, Hiroyuki** and **MORIMOTO, Takashi** and **YOSHIDA, Hirofumi**
- (74) **IWAHASHI, Fumio** et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd. 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F04B 43/073, 49/14, 43/00**
(11) **WO 2004/090334** (13) A1
(21) PCT/EP2004/003378
(22) **31 Mar/mar 2004 (31.03.2004)**
(25) de (26) de
(30) 10316395.6 **10 Apr/avr 2003** DE
(10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DIAPHRAGM PUMP
• POMPE A MEMBRANE
- (71) **BAYER INDUSTRY SERVICES GMBH & CO. OHG** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JÄHN, Peter** [DE/DE]; Strassburger Str. 23b, 51375 Leverkusen (DE).
- (74) **BAYER INDUSTRY SERVICES GMBH & CO. OHG**; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 45/047, 43/04, F04F 7/00, F04B 43/00**
(11) **WO 2004/090335** (13) A1
(21) PCT/GB2004/001526
(22) **7 Apr/avr 2004 (07.04.2004)**
(25) en (26) en
(30) 0308197.3 **9 Apr/avr 2003** GB
(09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • GAS FLOW GENERATOR
• GENERATEUR DE FLUX DE GAZ
- (71) **THE TECHNOLOGY PARTNERSHIP PLC** [GB/GB]; Melbourn Science Park, Melbourn, Royston, Hertfordshire SG8 6EE (GB).
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- (72, 75) **JANSE VAN RENSBURG, Richard, Wilhelm** [GB/GB]; 16 Colesfield, Longstanton, Cambridge CB4 5BW (GB). **SELBY, Robert, Gordon, Maurice** [GB/GB]; 6 Thatcher Stansford Close, Melbourn, Royston, Hertfordshire SG8 6EF (GB). **DUFOUR, Francoise, Florence** [FR/GB]; 64 The Fairway, Mill Hill, London NW7 3HP (GB). **BÜCKLAND, Justin, Rorke** [GB/GB]; 25 Albert Street, Cambridge CB4 3BE (GB). **SOMERVILLE, John, Matthew** [GB/GB]; 28 Cambridge Crescent, Bassingbourn, Nr. Royston, Hertfordshire SG8 5LP (GB).
- (74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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, 29/00, F16H 55/08**
(11) **WO 2004/090336** (13) A1
(21) PCT/SE2004/000563
(22) **7 Apr/avr 2004 (07.04.2004)**
(25) sv (26) en
(30) 0300997-4 **7 Apr/avr 2003** SE
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • TWIN SCREW COMPRESSOR
• COMPRESSEUR A DEUX VIS
- (71) **OPCON AUTOROTOR AB** [SE/SE]; Box 2106, S-132 02 Saltsyö-Boo (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LINDGREN, Mats** [SE/SE]; Museivägen 4, VIKMANSHYTTAN, SE-776 70 (SE).
- (74) **WENNBORG, Johan** et al. / etc.; Kransell & Wennborg AB, Box 27834, S-115 93 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 17/04, 29/60, 29/42**
(11) **WO 2004/090337** (13) A1
(21) PCT/DK2004/000247
(22) **6 Apr/avr 2004 (06.04.2004)**

- (25) en (26) en
- (30) PA 2003 00585 **14 Apr/avr 2003** DK
(14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A VENTILATING DEVICE COMPRISING A CROSS-FLOW IMPELLER
• DISPOSITIF DE VENTILATION COMPORTANT UN TURBINE TANGENTIELLE
- (71) CONVEC A/S [DK/DK]; Drejergangen 3B, 1th, DK-2690 Karlslunde (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HANSEN, Ole [DK/DK]; Strandhojsvej 7, DK-3050 Humlebæk (DK).
- (74) NISSEN, Georg; Danfoss A/S, Patent Department, DK-6430 Nordborg (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F15B
- (11) WO 2004/090338 (13) A2
- (21) PCT/BR2004/000050
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) PI 0301654-4 **10 Apr/avr 2003** BR
(10.04.2003)
- (30) C20301654-4 **27 Feb/fév 2004** BR
(27.02.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DYNAMIC SYSTEM FOR REFRIGERATION EQUIPMENT
• SYSTEME DYNAMIQUE D'EQUIPEMENT DE REFRIGERATION
- (71, 72) MAYORCA, Aurélio [BR/BR]; Rua Nacar N°635/435, Joinville Santa Catarina (BR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ F15B 11/048
- (11) WO 2004/090340 (13) A1
- (21) PCT/US2004/010263
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/460,549 **4 Apr/avr 2003** US
(04.04.2003)
- (30) 10/763,500 **23 Jan/jan 2004** US
(23.01.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MULTI-VALVE FLUID OPERATED CYLINDER POSITIONING SYSTEM
• SYSTEME DE POSITIONNEMENT MULTISOUPAPES POUR CYLINDRE A COMMANDE HYDRAULIQUE
- (71) VIKING TECHNOLOGIES, L.C. [US/US]; 1500 Independence Blvd., Sarasota, FL 34234 (US).
- (72) BUGEL, John; 10601 Yunker Drive, Largo, FL 33774 (US). MOLER, Jeff; 1500 Independence Blvd., Sarasota, FL 34234 (US). OUDSHOORN, Mark; 18302 Gray Wolf Court, Parrish, FL 34219 (US).
- (74) HELMHOLDT, Thomas, D.; Young & Basile, P.C., 3001 West Big Beaver Road, Suite 624, Troy, MI 48084 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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-
- (51)⁷ F15B 15/08, 15/26
- (11) WO 2004/090341 (13) A1
- (21) PCT/EP2004/003896
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) de (26) de
- (30) 103 17 281.5 **11 Apr/avr 2003** DE
(11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ROTATING OR PIVOTING DEVICE AND CONNECTION MODULE FOR A ROTATING OR PIVOTING DEVICE
• DISPOSITIF DE ROTATION OU DE PIVOTEMENT ET MODULE DE RACCORDEMENT POUR DISPOSITIF DE ROTATION OU DE PIVOTEMENT
- (71) SCHUNK GMBH & CO. KG FABRIK FÜR SPANN- UND GREIFWERKZEUGE [DE/DE]; Bahnhofstrasse 106-134, 74348 Lauffen am Neckar (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOCH, Andreas [DE/DE]; Christian-Leichtle-Str. 70, 74388 Talheim (DE).
- (74) BULLING, Alexander; Dreiss, Fuhlendorf, Steimle & Becker, Postfach 10 37 62, 70032 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F15B 15/14, B21B 39/08

(11) WO 2004/090342 (13) A1

(21) PCT/JP2004/004903

(22) 5 Apr/avr 2004 (05.04.2004)

(25) ja (26) ja

(30) 2003-103509 7 Apr/avr 2003 JP (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FLUID PRESSURE CYLINDER AND SWING LEVER UNIT

• VERIN HYDRAULIQUE ET UNITE DE LEVIER DE PIVOTEMENT

(71) KAWASAKI JUKOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Higashikawasaki-cho 3-chome, Chuo-ku Kobe-shi Hyogo, 6508670 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WATARI, Hirokazu

(74) SUMIDA, Yoshihiro et al. / etc.; ARCO PATENT OFFICE 3rd. Fl., Bo-eki Bldg., 123-1, Higashimachi, Chuo-ku, Kobe-shi, Hyogo 6500031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F15B 15/26, B23Q 3/06

(11) WO 2004/090343 (13) A1

(21) PCT/JP2004/000947

(22) 30 Jan/jan 2004 (30.01.2004)

(25) ja (26) ja

(30) 2003-098302 1 Apr/avr 2003 JP (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HYDRAULIC CYLINDER

• VERIN HYDRAULIQUE

(71) KOGANEI CORPORATION [JP/JP]; 8-16, Iwamotocho 3-chome, Chiyoda-ku, Tokyo, 1010032 (JP).

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(72, 75) NAKATA, Akio [JP/JP]; c/o Koganei Corporation 8-16, Iwamotocho 3-chome, Chiyoda-ku, Tokyo, 1010032 (JP). TETSUKA, Masakazu [JP/JP]; c/o Koganei Corporation 8-16, Iwamotocho 3-chome, Chiyoda-ku, Tokyo, 1010032 (JP).

(74) TSUTSUI, Yamato et al. / etc.; Tsutsui & Associates 3F, Azeria Bldg., 1-1, Nishi-shinjuku 8-chome, Shinjuku-ku, Tokyo, 1600023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F15B 15/28, G01B 7/00, G01D 5/12

(11) WO 2004/090344 (13) A1

(21) PCT/SE2004/000560

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 0301015-4 7 Apr/avr 2003 SE (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PISTON-CYLINDER DEVICE WITH POSITION SENSING MEANS

• DISPOSITIF A PISTON ET A CYLINDRE EQUIPE DE MOYENS DE DETECTION

(71) PARKER HANNIFIN AB [SE/SE]; S-501 78 Borås (SE).

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(72, 75) ANDERSSON, Bo, Åke [SE/SE]; Nordlid 11, S-504 95 Borås (SE). JOHANSSON, Pär, Gunnar, Johan [SE/SE]; Rönngatan 8, S-507 33 Brämhult (SE).

(74) PANTZAR, Tord; c/o Atlas Copco Tools AB, S-105 23 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F15B 21/04, F16L 55/033, G10K 11/178

(11) WO 2004/090345 (13) A1

(21) PCT/EP2004/003214

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 103 16 946.6 12 Apr/avr 2003 DE (12.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE AND METHOD FOR ATTENUATING PRESSURE FLUCTUATIONS IN HYDRAULIC LINES

• DISPOSITIF ET PROCEDE POUR AMORTIR LES VARIATIONS DE PRESSION DANS DES CONDUITES HYDRAULIQUES

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).

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(72, 75) EHMANN, Werner [DE/DE]; Kyffhäuserstrasse 6, 70469 Stuttgart (DE).

ESSIG, Oliver [DE/DE]; Forchenwaldstrasse 28, 71364 Winnenden (DE).

GÜTTLER, Herbert [DE/DE]; Fuchsweg 38A, 89275 Elchingen (DE).

MAIER, Marco [DE/DE]; Albrecht-Bengel-Strasse 4, 89542 Herbrechtingen (DE).

RAPP, Michael [DE/DE]; Rabenwiesenstrasse 59, 73079 Süssen (DE).

SCHIFFER, Wilhelm [DE/DE]; Pappelweg 28, 71706 Markgröningen (DE).

TOMASCHKO, Silvia [DE/DE]; Rychartweg 37, 89075 Ulm (DE).

(74) KOLB, Georg et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F15D 1/00, F02C 7/04, B64D 33/02, B64C 11/14

(11) WO 2004/090346 (13) A1

(21) PCT/CH2004/000218

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 666/03 11 Apr/avr 2003 CH (11.04.2003)

(30) 60/477,356 11 Jun/juin 2003 US (11.06.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND APPARATUS FOR MODIFYING THE FLOW PROPERTIES OF A FLUID MEDIUM IN THE VICINITY OF A PROPELLER, FAN, TURBINE OR ENGINE

• PROCEDE ET APPAREIL PERMETTANT DE MODIFIER LES PROPRIETES D'ECOULEMENT D'UN FLUIDE AU VOISINAGE D'UNE HELICE, D'UN VENTILATEUR, D'UNE TURBINE OU D'UN MOTEUR

(71, 72) MAURENBRECHER, Karl [CH/CH]; Schoeckstrasse 52, CH-9008 St. Gallen (CH).

(74) LIEBETANZ, Michael; Isler & Pedrazzini AG, Gotthardstrasse 53, Postfach 6940, CH-8023 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F16B 2/08 // F16L 23/08

(11) WO 2004/090347 (13) A1

(21) PCT/ES2004/000158

(22) 7 Apr/avr 2004 (07.04.2004)

(25) es (26) es

(30) P 2003 00856 10 Apr/avr 2003 ES
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PROFILED CLAMP

• COLLIER DE SERRAGE PROFILE

(71) MIKALOR, S.A. [ES/ES]; Paseo Can Feu,
60-66, E-08205 Sabadell (ES).
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les États désignés sauf US)

(72, 75) PALAU DOMÍNGUEZ, Ramón
[ES/ES]; Paseo Can Feu, 60-66, E-08205
Sabadell (ES).

(74) CANELA GIMÉNEZ, Teresa; C/Girona,
148, 1^o 2a, E-08037 Barcelona (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ F16B 2/08, E21B 17/01, F16L 21/06

(11) WO 2004/090348 (13) A1

(21) PCT/GB2003/001549

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BUOYANCY CLAMP AND METHOD
OF APPLICATION

• PINCE DE FLOTTABILITE ET PRO-
CEDE DE MISE EN OEUVRE

(71) BALMORAL GROUP LIMITED
[GB/GB]; Balmoral Park, Loirston, Aber-
deen AB12 3GY (GB).

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les États désignés sauf US)

(72, 75) ORAM, Robert, Kenneth [GB/GB];
Balmoral Group Limited, Balmoral Park,
Loirston, Aberdeen AB12 3GY (GB).
REID, Ewan, George, Lawrence [GB/GB];
Balmoral Group Limited, Balmoral Park,
Loirston, Aberdeen AB12 3GY (GB).
STOKES, Kevan, Frederik [GB/GB];
Balmoral Group Limited, Balmoral Park,
Loirston, Aberdeen AB12 3GY (GB).

(74) WEITZEL, David, S. et al. / etc.; Brookes
Batchellor LLP, 102-108 Clerkenwell Road,
London EC1M 5SA (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 SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F16B 7/14 // B25G 1/04

(11) WO 2004/090349 (13) A1

(21) PCT/FI2004/000213

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 20030559 14 Apr/avr 2003 FI
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TELESCOPIC HANDLE

• MANCHE TELESCOPIQUE

(71, 72) HEINONEN, Jussi, Petteri [FI/FI];
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(74) LAITINEN, Pauli, S.; Patentti-Laitinen OY,
P.O. Box 29, FI-02771 Espoo (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ F16B 12/42, A47C 5/04, F16B 13/06

(11) WO 2004/090350 (13) A1

(21) PCT/US2004/010318

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,065 3 Apr/avr 2003 US
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • POUND-IN GLIDE FOR AN ARTICLE
OF FURNITURE

• PATIN DE PENETRATION POUR
MEUBLE

(71) KRUEGER INTERNATIONAL, INC.
[US/US]; 1330 Bellevue Street, Green Bay,
WI 54302 (US).

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les États désignés sauf US)

(72, 75) HORNBERGER, Timothy, G.
[US/US]; 201 Swiss Meadow Lane, Green
Bay, WI 54302 (US).

(74) MCCONNELL, Andrew, S.; Boyle,
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250 East Wisconsin Avenue, Suite 1030,
Milwaukee, WI 53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ F16B 13/00, 13/06, 13/12, 13/02, B29D
1/00, B29C 45/00

(11) WO 2004/090351 (13) A1

(21) PCT/EP2004/000974

(22) 3 Feb/fév 2004 (03.02.2004)

(25) de (26) de

(30) 103 16 072.8 8 Apr/avr 2003 DE
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PYRAMIDAL DOWEL

• CHEVILLE PYRAMIDALE

(71) CREATIVE POWER ANSTALT [LI/LI];
Industriestrasse 22, FL-9487 Bendem (LI).
(for all designated States except / pour tous
les États désignés sauf US)

(71) DRESCHER, Franziska (heirress of the
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teur décédé) [AT/AT]; Unterbirkenberg 26a,
A-6410 Telfs (AT).
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(72) MAYER, Alfred, Friedrich (deceased /
décédé).

(74) SCHWARZENSTEINER, Marie-Luise;
Grape & Schwarzensteiner, Sebastiansplatz
7, 80331 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16B 21/02, 5/06

(11) WO 2004/090352 (13) A1

(21) PCT/ES2003/000166

(22) 10 Apr/avr 2003 (10.04.2003)

(25) es (26) es

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE FOR MOUNTING CAR-CASSES ON SUPPORTS

• DISPOSITIF DESTINE AU MONTAGE DE CARCASSES SUR DES SUPPORTS

(71) GRUPO ANTOLÍN-INGENERÍA, S.A. [ES/ES]; Ca. Madrid-Irún, Km.244, 8, 09007-Burgos (ES).

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(72, 75) REIS BOROTA, Roberto [BR/BR]; Enzo Guratti, 172 - Vila Monte Alegre, 12212-640 Sao Jose dos Campos-Sao Paulo (BR). EMILIO CAMARGO, Elon [BR/BR]; Edmundo Morewood, 350 - Estiva, 12250-000 Taubaté - Sao Paulo (BR).

(74) TRIGO PECES, José, Ramón; Gran Vía, 40, E-28013 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16B 21/08, A47K 13/12, 13/26

(11) WO 2004/090353 (13) A1

(21) PCT/GB2004/001553

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 0308226.0 9 Apr/avr 2003 GB (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TOILET SEAT FITTING

• PIECE POUR SIEGE DE TOILETTES

(71, 72) KELLY, Joseph, Steven [GB/GB]; 16 Place Farm Way, Monks Risborough, Princes Risborough, Bucks HP27 9JH (GB).

(74) MERRYWEATHER, Colin, Henry 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 NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16C 11/06

(11) WO 2004/090354 (13) A1

(21) PCT/JP2003/011355

(22) 5 Sep/sep 2003 (05.09.2003)

(25) ja (26) ja

(30) 2003-102975 7 Apr/avr 2003 JP (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BALL JOINT

• JOINT A ROTULE

(71) KABUSHIKI KAISHA SOMIC ISHIKAWA [JP/JP]; 34-6, Honjo 1-chome, Sumida-ku, Tokyo 130-0004 (JP).

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(72, 75) SUZUKI, Keiichiro [JP/JP]; C/O KABUSHIKI KAISHA SOMIC ISHIKAWA HAMAMATSU-KOJO, 500, Furukawa-cho, Hamamatsu-shi, Shizuoka 435-8560 (JP). ODA, Takahiro [JP/JP]; C/O KABUSHIKI KAISHA SOMIC ISHIKAWA HAMAMATSU-KOJO, 500, Furukawa-cho, Hamamatsu-shi, Shizuoka 435-8560 (JP). TSUKADA, Naoko [JP/JP]; C/O KABUSHIKI KAISHA SOMIC ISHIKAWA HAMAMATSU-KOJO, 500, Furukawa-cho, Hamamatsu-shi, Shizuoka 435-8560 (JP).

(74) KABASAWA, Joo et al. / etc.; NSO BLDG., 1-22, Shinjuku 3-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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16C 11/10, 11/04, H04M 1/02, H05K 5/02, 5/03

(11) WO 2004/090355 (13) A1

(21) PCT/JP2004/004853

(22) 2 Apr/avr 2004 (02.04.2004)

(25) ja (26) ja

(30) 2003-100482 3 Apr/avr 2003 JP (03.04.2003)

(30) 2003-315570 8 Sep/sep 2003 JP (08.09.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE CASE OPENING/CLOSING DEVICE, AND 2-AXIS HINGE DEVICE

• DISPOSITIF

D'OUVERTURE/FERMETURE

DE BOITE DE DISPOSITIF ET DISPOSITIF ARTICULE A 2 AXES

(71) SUGATSUNE KOGYO CO., LTD. [JP/JP]; 8-11, Higashikanda 1-chome, Chiyoda-ku, Tokyo 101-8633 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OSHIMA, Kazuyoshi [JP/JP]; c/o Sugatsune Kogyo Co., Ltd., 8-11, Higashikanda 1-chome, Chiyoda-ku, Tokyo 101-8633 (JP). TOMIZAWA, Kenji [JP/JP]; c/o Sugatsune Kogyo Co., Ltd., 8-11, Higashikanda 1-chome, Chiyoda-ku, Tokyo 101-8633 (JP). HASEGAWA, Manabu [JP/JP]; c/o Sugatsune Kogyo Co., Ltd., 8-11, Higashikanda 1-chome, Chiyoda-ku, Tokyo 101-8633 (JP).

(74) WATANABE, Noboru et al. / etc.; Kudaminami Green Bldg. 3F, 7-7, Kudaminami 3-chome, Chiyoda-ku, Tokyo 102-0074 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16C 19/00

(11) WO 2004/090356 (13) A2

(21) PCT/FR2004/000812

(22) 31 Mar/mar 2004 (31.03.2004)

(25) fr (26) fr

(30) 03/04054 1 Apr/avr 2003 FR (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BEARING AND AGRICULTURAL MACHINE COMPRISING SAID BEARING

• ROULEMENT ET MACHINE AGRICOLE COMPORTANT UN TEL ROULEMENT

(71) KUHN S.A. [FR/FR]; 4, Impasse des Fabriques, F-67706 Saverne Cedex (FR). SNR ROULEMENT S.A. [FR/FR]; 1, rue des Usines, F-74000 Ancey (FR).

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(72, 75) WALTER, Rene [FR/FR]; 6, rue d'Afrique, F-57620 Goetzenbruck (FR). CHANVILLARD, Armand [FR/FR]; 1195, Route de Lecy, F-74730 Charvonnex (FR).

(74) ANDRES, Jean-Claude; Kuhn S.A., 4, Impasse des Fabriques, F-67706 Saverne Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ F16C 19/00
- (11) WO 2004/090357 (13) A2
- (21) PCT/FR2004/000814
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) fr (26) fr
- (30) 03/03992 1 Apr/avr 2003 FR (01.04.2003)
- (30) 03/12375 20 Oct/oct 2003 FR (20.10.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • AUTOMATED RECEPTION DISTRIBUTION SYSTEM
• SYSTEME AUTOMATISE DE RECEPTION-DISTRIBUTION
- (71, 72) TORRA, Jöel [FR/FR]; Chemin de la Tasque, F-13430 Eyguieres. (FR).
- (74) RENAUD-GOUD Conseil; 5, rue de Montigny, F-13100 Aix en provence (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F16C 19/10
- (11) WO 2004/090358 (13) A1
- (21) PCT/JP2004/004898
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) ja (26) ja
- (30) 2003-100524 3 Apr/avr 2003 JP (03.04.2003)
- (30) 2003-100551 3 Apr/avr 2003 JP (03.04.2003)
- (30) 2003-100580 3 Apr/avr 2003 JP (03.04.2003)
- (30) 2003-100760 3 Apr/avr 2003 JP (03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OFFSET THRUST BEARING
• PALIER DE BUTEE DECALE
- (71) KOYO SEIKO CO. LTD. [JP/JP]; 5-8, Minamisemba 3-Chome, Chuo-ku, Osaka-Shi, Osaka 542-0081 (JP).
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- (72, 75) TADA, Seiji [JP/JP]; 4-18-201, Asahigaoka 2-chome, Kashiwara-shi, Osaka 582-0026 (JP).
- (74) WATANABE, Takafumi; SunCrest Patent and Trademark Attorneys Kobe Isuzu Recruit Bldg., 2-2 Kumoidori 4-chome, Chuo-ku, Kobe-Shi, Hyogo 651-0096 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ F16C 29/06, 33/51
- (11) WO 2004/090359 (13) A1
- (21) PCT/EP2004/003191
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) de (26) de
- (30) 103 17 049.9 11 Apr/avr 2003 DE (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • LINEAR BALL BEARING
• ROULEMENT A BILLES LINEAIRE
- (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) RUDY, Dietmar [DE/DE]; Schulstrasse 11, 66501 Kleinbundenbach (DE). MOSEBERG, Ralf [DE/DE]; Breslauer Strasse 9, 66862 Kindsbach (DE). HEID, Michael [DE/DE]; Kirchenstrasse 13a, 66271 Kleinblittersdorf (DE). DANIEL, Patrick [DE/DE]; Hauptstrasse 9, 66459 Kirkel (DE). BAUER, Wolfgang [DE/DE]; Riegelsbergstrasse 93, 66292 Riegelsberg (DE).
- (74) INA-SCHAEFFLER KG; Industriestrasse 1-3, 91074 Herzogenaurach (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ F16C 33/10, 33/14, 17/02
- (11) WO 2004/090360 (13) A1
- (21) PCT/JP2004/004814
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) ja (26) ja
- (30) 2003-099061 2 Apr/avr 2003 JP (02.04.2003)
- (30) 2003-099059 2 Apr/avr 2003 JP (02.04.2003)
- (30) 2003-099060 2 Apr/avr 2003 JP (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OIL-IMPREGNATED SINTERED BEARING AND METHOD OF PRODUCING THE SAME
• PALIER FRITTE IMPREGNE D'HUILE ET PROCEDE DE PRODUCTION DE CELUI-CI
- (71) MITSUBISHI MATERIALS CORPORATION [JP/JP]; 5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo, 1008117 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MARUYAMA, Tsuneo [JP/JP]; c/o MITSUBISHI MATERIALS CORPORATION, Niigata Plant, 3-1-1, Kogane-cho, Niigata-shi, Niigata 9508640 (JP). SHIMIZU, Teruo [JP/JP]; c/o MITSUBISHI MATERIALS CORPORATION, Niigata Plant, 3-1-1, Kogane-cho, Niigata-shi, Niigata 9508640 (JP).
- (74) HIYAMA, Noriko; INTELLECTUAL PROPERTY DEPT., MITSUBISHI MATERIALS CORPORATION, 5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo, 1008117 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51) F16C 33/30
- (11) WO 2004/090361 (13) A2
- (21) PCT/US2004/010022
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 60/460,703 3 Apr/avr 2003 US (03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CORROSION TOLERANT ROLLING ELEMENT BEARING
• PALIER A ELEMENT ROULANT TOLERANT A LA CORROSION
- (71) THE TIMKEN COMPANY [US/US]; 1835 Dueber Avenue SW, Canton, Ohio 44706 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RIBAUDO, Carl R [US/US]; 8221 Bricker Road, Massillon, Ohio 44646 (US). EVANS, Ryan D. [US/US]; 5065 Techwood Street NW, Massillon, Ohio 44720

- (US). **DOLL, Gary L.** [US/US]; 6516 Pebble Creek Avenue NW, Canton, Ohio 44718 (US). **KRUMMRICH, Kenneth A.** [US/US]; 6100 Vincine Circle NW, Canton, Ohio 44718 (US).
- (74) **SOIFER, Jonathan P.**; **POLSTER, LIEDER, WOODRUFF & LUCCHESI, L.C.**, 12412 Powerscourt Drive, Suite 200, St. Louis, Missouri 63131-3615 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16C 33/46**
- (11) **WO 2004/090362** (13) A1
- (21) PCT/EP2004/003189
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) de (26) de
- (30) 10316410.3 **10 Apr/avr 2003** DE (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SEPARATOR FOR A RADIAL ROLLING BEARING
• CAGE POUR ROULEMENT RADIAL
- (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) **FUGEL, Wolfgang** [DE/DE]; Kloster-Ebrach-Strasse 16, 90453 Nürnberg (DE). **WEHR, Daniel** [DE/DE]; Bamberger Strasse 4, 96172 Mühlhausen (DE). **SÄB-SCH, Steffen** [DE/DE]; Sudetenstrasse 3a, 91085 Weisendorf (DE).
- (74) **INA-SCHAEFFLER KG**; Industriestrasse 1-3, 91074 Herzogenaurach (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16D 3/00**
- (11) **WO 2004/090363** (13) A2
- (21) PCT/FR2004/000710
- (22) **23 Mar/mar 2004 (23.03.2004)**
- (25) fr (26) fr
- (30) 0304124 **2 Apr/avr 2003** FR (02.04.2003)
- (30) 0313124 **7 Nov/nov 2003** FR (07.11.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DECOUPLING ELEMENT MADE FROM DEFORMABLE MATERIAL WITHIN A POWER TRANSMISSION SYSTEM
• ELEMENT DE DECOUPLAGE EN MATÉRIAU DÉFORMABLE DANS UN SYSTÈME DE TRANSMISSION DE PUISSANCE.
- (71) **HUTCHINSON** [FR/FR]; 2, rue Balzac, F-75008 PARIS (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAMDEM, Henri** [FR/FR]; 2, rue de Vendée, F-37000 TOURS (FR). **BOUR-DEAU, Willy** [FR/FR]; 11, rue Adrien Thibault, F-41000 VILLEBAROU (FR).
- (74) **CABINET ORES et al.** / etc.; 36, rue de St Petersbourg, F-75008 PARIS (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16D 3/205**
- (11) **WO 2004/090364** (13) A1
- (21) PCT/JP2004/003627
- (22) **18 Mar/mar 2004 (18.03.2004)**
- (25) ja (26) ja
- (30) 2003-104092 **8 Apr/avr 2003** JP (08.04.2003)
- (30) 2004-067949 **10 Mar/mar 2004** JP (10.03.2004)
- (30) 2004-076205 **17 Mar/mar 2004** JP (17.03.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CONSTANT VELOCITY JOINT AND METHOD OF MANUFACTURING THE SAME
• JOINT HOMOCINETIQUE ET PROCÉDE DE FABRICATION CORRESPONDANT
- (71) **HONDA MOTOR CO. LTD.** [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, 1078556 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAWAKATSU, Tsutomu**, [JP/JP]; c/o HONDA GIKEN KOGYO KABUSHIKI KAISHA, TOCHIGI SEISAKUSHO, 19, Matsuyama-cho, Mooka-shi, Tochigi, 3214346 (JP). **SHIBATA, Naoto**, [JP/JP]; c/o HONDA GIKEN KOGYO KABUSHIKI KAISHA, TOCHIGI SEISAKUSHO, 19, Matsuyama-cho, Mooka-shi, Tochigi, 3214346 (JP). **AOYAMA, Tomonori**, [JP/JP]; c/o HONDA GIKEN KOGYO KABUSHIKI KAISHA, TOCHIGI SEISAKUSHO, 19, Matsuyama-cho, Mooka-shi, Tochigi, 3214346 (JP). **KO-SUGI, Masanori**, [JP/JP]; c/o HONDA MOTOR CO., LTD., 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, 1078556 (JP).
- (74) **CHIBA, Yoshihiro**, et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo, 1510053 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **F16D 3/223**
- (11) **WO 2004/090365** (13) A1
- (21) PCT/EP2004/003481
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) de (26) de
- (30) 103 17 146.0 **14 Apr/avr 2003** DE (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CONSTANT VELOCITY JOINT AND ASSEMBLY METHOD
• JOINT HOMOCINETIQUE ET PROCÉDE DE MONTAGE
- (71) **VOLKSWAGEN AKTIENGESELLSCHAFT** [DE/DE]; 38436 Wolfsburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHAAF, Gregor** [DE/DE]; Mittelweg 95, 38106 Braunschweig (DE). **KAISER, Gerhard** [DE/DE]; Schweriner Ring 5, 38500 Isenbüttel (DE).
- (74) **BECK, Michael, R.**; Beck & Rössig, Eduard-Schmid-Strasse 9, 81541 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ F16D 23/02

(11) WO 2004/090366 (13) A1

(21) PCT/EP2004/003568

(22) 3 Apr/avr 2004 (03.04.2004)

(25) de (26) de

(30) 103 16 947.4 12 Apr/avr 2003 DE (12.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SHIFTING DEVICE

• DISPOSITIF D'ENCLENCHEMENT DES RAPPORTS DE VITESSES

(71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BÜHLMAIER, Fritz [DE/DE]; Magno-
lienweg 8, 73547 Lorch (DE). SCHETTER,
Martin [DE/DE]; Flurweg 7, 74354 Be-
sighheim (DE).

(74) KOCHER, Klaus-Peter et al. / etc.; Daim-
lerChrysler AG, Intellectual Property Man-
agement, IPM - C106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ F16D 65/095, 65/02, 55/224

(11) WO 2004/090367 (13) A1

(21) PCT/JP2004/004771

(22) 1 Apr/avr 2004 (01.04.2004)

(25) ja (26) ja

(30) 2003-99949 3 Apr/avr 2003 JP (03.04.2003)

(30) 2004-71419 12 Mar/mar 2004 JP (12.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FLOATING CALIPER DISC BRAKE

• FREIN A DISQUE A ETRIER FLOT-
TANT

(71) AKEBONO BRAKE INDUSTRY CO.,
LTD. [JP/JP]; 19-5, Nihonbashi Koami-cho,
Chuo-ku, Tokyo 103-8534 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KINOSHITA, Koichi [JP/JP]; c/o Ake-
bono Brake Industry Co., Ltd., 19-5, Nihon-
bashi Koami-cho, Chuo-ku, Tokyo 103-8534
(JP). IKEDA, Hideaki [JP/JP]; c/o Akebono
Brake Industry Co., Ltd., 19-5, Nihonbashi
Koami-cho, Chuo-ku, Tokyo 103-8534
(JP). WAKABAYASHI, Isao [JP/JP]; c/o
Akebono Brake Industry Co., Ltd., 19-5,
Nihonbashi Koami-cho, Chuo-ku, Tokyo
103-8534 (JP). KASHIMURA, Takeshi
[JP/JP]; c/o Akebono Brake Industry Co.,
Ltd., 19-5, Nihonbashi Koami-cho, Chuo-ku,
Tokyo 103-8534 (JP). MASUKO, Shinjiro
[JP/JP]; c/o Akebono Brake Industry Co.,
Ltd., 19-5, Nihonbashi Koami-cho, Chuo-ku,
Tokyo 103-8534 (JP). MORIO, Takefumi
[JP/JP]; c/o Akebono Brake Industry Co.,
Ltd., 19-5, Nihonbashi Koami-cho, Chuo-ku,
Tokyo 103-8534 (JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent
Office, 13th Floor, ARK Mori Building,
12-32, Akasaka 1-chome, Minato-ku, Tokyo
107-6013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F16D 66/00, 65/00

(11) WO 2004/090368 (13) A1

(21) PCT/IB2004/001085

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 2003/2766 9 Apr/avr 2003 ZA (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE FOR DETECTING THE MAX-
IMUM TEMPERATURE OF USE OF A
BRAKE PAD LINING

• DETECTEUR DE TEMPERATURE
MAXIMALE DE FONCTIONNEMENT
POUR PLAQUETTES DE FREIN

(71) THE WARTHOG TRUST [ZA/ZA]; Plot
14, Nooitgedacht, 1739 Roodepoort (ZA).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MULLER, Otto, Carl [ZA/ZA]; Plot 14,
Nooitgedacht, 1739 Roodepoort (ZA).

(74) GILSON, David, Grant et al. / etc.; Spoor &
Fisher, PO Box 41312, 2024 Craighall (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 7/08, 7/12, B62D 27/00, 25/14

(11) WO 2004/090369 (13) A1

(21) PCT/EP2004/002331

(22) 8 Mar/mar 2004 (08.03.2004)

(25) de (26) de

(30) 03405240.7 9 Apr/avr 2003 EP (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONNECTING STRUT

• ELEMENT DE LIAISON

(71) ALCAN TECHNOLOGY & MANAGE-
MENT LTD. [CH/CH]; Badische Bahnhof-
strasse 16, CH-8212 Neuhausen am Rheinfall
(CH).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GRBAVAC, Jvan [DE/DE]; Seb.
Kneippstr. 12, 78333 Stockach (DE). HEIN,
Jörg [DE/DE]; Am Hohstetter 17, 78256
Steisslingen (DE).

(74) ALCAN TECHNOLOGY & MANAGE-
MENT LTD.; Badische Bahnhofstrasse 16,
CH-8212 Neuhausen am Rheinfall (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(t) for the following designation / pour la
désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ F16F 9/34

(11) WO 2004/090370 (13) A1

(21) PCT/SE2004/000528

(22) 5 Apr/avr 2004 (05.04.2004)

(25) sv (26) en

- (30) 0301095-6 **11 Apr/avr 2003** SE
(**11.04.2003**)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • GAS SPRING
• RESSORT A GAZ
- (71) **STRÖMSHOLMEN AB** [SE/SE]; Box 216, S-573 23 Tranås (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CRONHOLM, Marcus** [SE/SE]; Vintergatan 14, S-595 53 Mjölby (SE). **LUNDAHL, Leif** [SE/SE]; Björkhagen, S-360 47 Nöbbelö (SE). **AXELSSON, Jakob** [SE/SE]; Rydsvägen 250C: 12, S-584 34 Linköping (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁶ **F16F 13/10**
- (11) **WO 2004/090372** (13) A1
- (21) PCT/JP1996/003719
- (22) **19 Dec/déc 1996 (19.12.1996)**
- (25) ja (26) ja
- (30) 8/144193 **6 Jun/juin 1996** JP
(**06.06.1996**)
- (30) 8/210911 **9 Aug/août 1996** JP
(**09.08.1996**)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • LIQUID CHARGED TYPE VIBRO-ISOLATING MOUNT
• SUPPORT A ISOLATION DE VIBRATIONS DE TYPE A CHARGE LIQUIDE
- (71, 72) **MIZUTANI, Yukata** [JP/JP]; c/o Toyo Tire & Rubber Co., Ltd., 17-18, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550 (JP). **KUNIHIRO, Motoo** [JP/JP]; c/o Toyo Tire & Rubber Co., Ltd., 17-18, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550 (JP). **SAKABE, Yuuichi** [JP/JP]; c/o Hosen Brake Ind. Co., Ltd., 10, Michigami, Kazue-cho, Toyota-shi, Aichi 470-12 (JP).
- (74) **TSUTADA, Akiko** et al. / etc.; 8th Floor, Daihyakuseimeiosakakawaramachi Building, 7-1, Kawaramachi 1-chome, Chuo-ku, Osaka-shi Osaka 541 (JP).
- (81) US.
- Published / Publiée : (e) 07Mar/mar 2000 (07.03.2000), 6032935
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- (51)⁷ **F16F 9/36, 9/32, B60T 13/74, 8/40, 11/18, 13/16**
- (11) **WO 2004/090371** (13) A1
- (21) PCT/EP2004/003430
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) de (26) de
- (30) 103 16 838.9 **11 Apr/avr 2003** DE
(**11.04.2003**)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PISTON SYSTEM AND A PISTON-CYLINDER DEVICE PROVIDED THEREWITH
• SYSTEME DE PISTON ET DISPOSITIF PISTON-CYLINDRE EQUIPE D'UN SYSTEME DE PISTON
- (71) **LUCAS AUTOMOTIVE GMBH** [DE/DE]; Carl-Spaeter-Strasse 8, 56070 Koblenz (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GIERING, Wilfried** [DE/DE]; Bahnstrasse 60, 56743 Mendig (DE). **OHLIG, Benedikt** [DE/DE]; Im Pelzgraben 1, 56179 Vallendar (DE). **MICHELS, Erwin** [DE/DE]; Ackerstrasse 15, 56829 Kail (DE). **STEINHEUER, Herbert** [DE/DE]; Pantaleonsplatz 4, 53474 Bad Neuenahr (DE).
- (74) **BEYER, Andreas**; WUESTHOFF & WUESTHOFF, Schweigerstrasse 2, 81541 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG
- MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16F 13/18**
- (11) **WO 2004/090373** (13) A1
- (21) PCT/JP2004/000134
- (22) **9 Jan/jan 2004 (09.01.2004)**
- (25) ja (26) ja
- (30) 2003-102031 **4 Apr/avr 2003** JP
(**04.04.2003**)
- (30) 2003-424012 **22 Dec/déc 2003** JP
(**22.12.2003**)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • LIQUID SEALING TYPE VIBRATION CONTROL DEVICE
• DISPOSITIF AMORTISSEUR DE VIBRATIONS A ETANCHEITE PAR JOINT LIQUIDE
- (71) **TOYO TIRE & RUBBER CO., LTD.** [JP/JP]; 17-18, Edobori 1-chome, Nishi-ku, Osaka-shi Osaka, 5500002 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HATAKEYAMA, Shingo** [JP/JP]; c/o Toyo Tire & Rubber Co., Ltd., 17-18, Edobori 1-chome, Nishi-ku, Osaka-shi Osaka, 5500002 (JP). **ITO, Masaaki** [JP/JP]; c/o Toyo Tire & Rubber Co., Ltd., 17-18, Edobori 1-chome, Nishi-ku, Osaka-shi Osaka, 5500002 (JP). **EDO, Tomoyoshi** [JP/JP]; c/o Toyo Tire & Rubber Co., Ltd., 17-18, Edobori 1-chome, Nishi-ku, Osaka-shi Osaka, 5500002 (JP).
- (74) **TSUTADA, Akiko** et al. / etc.; 9th Floor, Nissei Bingomachi Bldg., 7-10, Bingomachi 1-chome, Chuo-ku, Osaka-shi Osaka, 5410051 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16F 13/18**
- (11) **WO 2004/090374** (13) A1
- (21) PCT/JP2004/004743
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) ja (26) ja
- (30) 2003-102031 **4 Apr/avr 2003** JP
(**04.04.2003**)
- (30) 2003-102178 **4 Apr/avr 2003** JP
(**04.04.2003**)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • LIQUID-SEALED VIBRATION CONTROL EQUIPMENT AND ELASTIC PARTITION FILM FOR USE THEREIN
• EQUIPEMENT ANTIVIBRATIONS A LIQUIDE CONFINE
- (71) **TOYO TIRE & RUBBER CO. LTD.** [JP/JP]; 17-18, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka, 5500002 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HATAKEYAMA, Shingo** [JP/JP]; TOYO TIRE & RUBBER CO., LTD., 17-18, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka, 5500002 (JP). **ITO, Masaaki** [JP/JP]; TOYO TIRE & RUBBER CO., LTD., 17-18, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka, 5500002 (JP). **YAMAMOTO, Kentarou** [JP/JP]; TOYO TIRE & RUBBER CO., LTD., 17-18, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka, 5500002 (JP). **TANAKA, Yasuhiro** [JP/JP]; TOYO TIRE & RUBBER CO., LTD., 17-18, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka, 5500002 (JP).
- (74) **KANEKO, Naohisa** et al. / etc.; Kaneko International Patent Office Aioi Insurance Toyohashi Bldg. 7th Floor 92 Ote-cho, Toyohashi-City, Aichi, 4400805 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

- SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (b)
- (51)⁷ F16G 13/16, H02G 11/00, G01M 13/02
(11) WO 2004/090375 (13) A1
(21) PCT/DE2004/000709
(22) 1 Apr/avr 2004 (01.04.2004)
(25) de (26) de
(30) 203 05 619.1 4 Apr/avr 2003 DE
(04.04.2003)
(30) 203 05 678.7 7 Apr/avr 2003 DE
(07.04.2003)
(30) 203 12 266.6 8 Aug/août 2003 DE
(08.08.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • MONITORING SYSTEM FOR THE OPER-
ATION OF AT LEAST ONE ENERGY
DRAG CHAIN
• SYSTEME DE SURVEILLANCE
POUR LE FONCTIONNEMENT D'AU
MOINS UNE CHAÎNE DE GUI-
DAGE D'ÉLEMENTS DE TRANSPORT
D'ÉNERGIE
(71) IGUS SPRITZGUSSTEILE FÜR DIE IN-
DUSTRIE GMBH [DE/DE]; Spicher Strasse
1a, 51147 Köln (DE).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) BLASE, Günter [DE/DE];
Oberkühlheim 10, 51429 Bergisch Gladbach
(DE). HERMEY, Andreas [DE/DE];
Annostrasse 96, 53773 Hennef (DE).
(74) STACHOW, Ernst-Walther; Lippert, Sta-
chow, Schmidt & Partner, Frankenforster
Strasse 135-137, 51427 Bergisch Gladbach
(DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (c)
- (51)⁷ F16G 13/16, H02G 11/00
(11) WO 2004/090376 (13) A1
(21) PCT/DE2004/000720
(22) 2 Apr/avr 2004 (02.04.2004)
(25) de (26) de
- (30) 203 05 618.3 4 Apr/avr 2003 DE
(04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • GUIDE CONDUIT
• GOUTTIÈRE DE GUIDAGE
(71) IGUS SPRITZGUSSTEILE FÜR DIE IN-
DUSTRIE GMBH [DE/DE]; Spicher Str. 1a,
51147 Köln (DE).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) BLASE, Frank [DE/DE]; Wildphal 10,
51429 Bergisch Gladbach (DE). HERMEY,
Andreas; Annostrasse 96, 53773 Hennef
(DE).
(74) GUDAT, Axel; Lippert, Stachow, Schmidt
& Partner, Frankenforster Strasse 135-137,
51427 Bergisch Gladbach (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (c)
- (51)⁷ F16H 1/32
(11) WO 2004/090377 (13) A1
(21) PCT/UA2004/000018
(22) 30 Mar/mar 2004 (30.03.2004)
(25) en (26) en
(30) 2003043184 9 Apr/avr 2003 UA
(09.04.2003)
(30) 2003043754 23 Apr/avr 2003 UA
(23.04.2003)
(30) 2004031976 17 Mar/mar 2004 UA
(17.03.2004)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • QUASYPLANETARY GEAR SYSTEM
• SYSTEME D'ENGRENAGES QUASI-
PLANETAIRE
(71, 72) LYKHOVYD, Yuriy M. [UA/UA]; ul.
Rad. Ukraine, 20-B-570, Kiev, 04215 (UA).
SKAMBRYCHYI, Volodimir V. [UA/UA];
ul. Volgogradskaya, 35-A-70, Kiev, 07141
(UA). SOROKA, Leonid M. [UA/UA]; ul.
Rad. Ukraine, 20-B-567, Kiev, 04215 (UA).
(74) LYKHOVYD, Yuriy M.; ul. Rad. Ukraine,
20-B-570, Kiev, 04215 (UA).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ F16H 3/66
(11) WO 2004/090378 (13) A1
(21) PCT/EP2004/003487
(22) 2 Apr/avr 2004 (02.04.2004)
(25) de (26) de
(30) 103 15 709.3 7 Apr/avr 2003 DE
(07.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • MULTI-STAGE AUTOMATIC TRANS-
MISSION
• BOÎTE DE VITESSES AUTOMATIQUE
A PLUSIEURS ETAGES
(71) ZF FRIEDRICHSHAFEN AG [DE/DE];
88038 Friedrichshafen (DE).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) ZIEMER, Peter [DE/DE]; Rudolf-
Gnädinger-Weg 7, 88069 Tettnang (DE).
(74) ZF FRIEDRICHSHAFEN AG; 88038
Friedrichshafen (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NA NI NO NZ OM PG PH PL PT
RO SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- (51)⁷ F16H 3/72
(11) WO 2004/090379 (13) A1
(21) PCT/NL2004/000230
(22) 8 Apr/avr 2004 (08.04.2004)
(25) en (26) en
(30) 1023145 10 Apr/avr 2003 NL
(10.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • ELECTROMECHANICAL GEAR
CLUTCH
• EMBRAYAGE ELECTROMECHANIQUE
(71) AB SKF [SE/SE]; Hornsgatan 1, S-415 50
Göteborg (SE).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) EYRAUD, Emmanuel, Jacques
[FR/NL]; Schakelstede 70, NL-3431 HG
Nieuwegein (NL). KAPPAAN, Hendrikus,
Jan [NL/NL]; Waterhoen 5, NL-3435

- DM Nieuwegein (NL). ZWARTS, Jacobus [NL/NL]; Carmenlaan 5, NL-3438 VA Nieuwegein (NL). MEANEY, Paul, Bernard [IE/NL]; Eduard Verkadelaan 35, NL-3584 GS Utrecht (NL). VISSERS, Cornelius, Petrus, Antonius [NL/NL]; Litsersstraat 67, NL-5275 BT Den Dungen (NL).
- (74) VAN WESTENBRUGGE, Andries et al. / etc.; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F16H 7/02, 1/28, 55/38
(11) WO 2004/090380 (13) A1
(21) PCT/JP2004/004873
(22) 2 Apr/avr 2004 (02.04.2004)
(25) ja (26) ja
(30) 2003-099971 3 Apr/avr 2003 JP (03.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • HELICALLY TOOTHED-BELT TRANSMISSION DEVICE
• DISPOSITIF DE TRANSMISSION PAR COURROIE A DENTURE HELICOIDALE
- (71) GATES UNITTA ASIA COMPANY [JP/JP]; 4-26, Sakuragawa 4-chome, Naniwa-ku, Osaka-shi, Osaka 556-0022 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIRONAKA, Akihiro [JP/JP]; c/o Nara Factory of Gates, Unitta Asia Company, 172, Ikezawa-cho, Yamatokoriyama-shi, Nara 639-1032 (JP).
- (74) MATSUURA, Takashi; Akusan Bldg. 4th Floor, 5-8, Iidabashi 1-chome, Chiyoda-ku, Tokyo 102-0072 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 13/04
(11) WO 2004/090381 (13) A1
(21) PCT/JP2004/005055
(22) 8 Apr/avr 2004 (08.04.2004)
(25) ja (26) ja
(30) 2003-104284 8 Apr/avr 2003 JP (08.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • FRICTION ROLLER TYPE SPEED CHANGE GEAR
• ENGRENAGE DE CHANGEMENT DE VITESSE DU TYPE A ROULEAUX DE FRICTION
- (71) NSK LTD. [JP/JP]; 6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo 141-8560 (JP). NSK STEERING SYSTEMS CO., 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) MAEDA, Atsushi [JP/JP]; c/o NSK Steering Systems Co., Ltd., 8-1, Soja-machi 1-chome, Maebashi-shi, Gunma 371-8528 (JP). CHIKARAISHI, Kazuo [JP/JP]; c/o NSK Steering Systems Co., Ltd., 8-1, Soja-machi 1-chome, Maebashi-shi, Gunma 371-8528 (JP).
- (74) INOUE, Yoshio; 3F, Garoh Bldg., 1-4, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F16H 15/38
(11) WO 2004/090382 (13) A1
(21) PCT/GB2004/001556
(22) 8 Apr/avr 2004 (08.04.2004)
(25) en (26) en
(30) 0308214.6 9 Apr/avr 2003 GB (09.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • TRANSMISSION OF THE TOROIDAL RACE ROLLING TRACTION TYPE
• TRANSMISSION PAR TRACTION A ROULEMENT TOROIDAL
- (71) TOROTRAK (DEVELOPMENT) LTD. [GB/GB]; 1 Aston Way, Leyland, Lancashire PR5 3UX (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DUTSON, Brian, Joseph [GB/GB]; 6 Berryfold Way, Astley, Tyldesley, Manchester M29 7PT (GB). ROBINSON, Leslie, Kendrick [GB/GB]; 31 Cedarwood Drive, Leyland, Preston PR25 1HN (GB).
- (74) W.P. THOMPSON & CO.; Coopers Building, Church Street, Liverpool L1 3AB (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (a)
- (51)⁷ F16H 21/46, 35/02
(11) WO 2004/090383 (13) A1
(21) PCT/CH2003/000235
(22) 10 Apr/avr 2003 (10.04.2003)
(25) de (26) de
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • DEVICE FOR GENERATING PULSATING MOVEMENTS
• DISPOSITIF PERMETTANT DE GENERER DES MOUVEMENTS DE PULSATION
- (71) OLOID AG [CH/CH]; Jurastrasse 50, CH-4053 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FRITSCHI, Markus [CH/CH]; Gartenstrasse 25, CH-4452 Itingen (CH).
- (74) LUSUARDI, Werther; Dr. Lusuardi AG, Kreuzbühlstrasse 8, 8008 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F16H 31/00, E21B 19/083
(11) WO 2004/090384 (13) A1
(21) PCT/IB2004/001130
(22) 14 Apr/avr 2004 (14.04.2004)
(25) en (26) en
(30) 2002/8246 14 Apr/avr 2003 ZA (14.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • APPARATUS FOR IMPARTING RELATIVE MOVEMENT BETWEEN AN OSCILLATING MEMBER AND A RAIL

- APPAREIL PERMETTANT D'IMPRIMER UN DEPLACEMENT RELATIF ENTRE UN ORGANE OSCILLANT ET UN RAIL
- (71, 72) BÜHRMANN, Rudolph [ZA/ZA]; 64 Second Street, Linden, 2195 Johannesburg (ZA).
- (74) BOWMAN, GILFILLAN, INC., (JOHN, &, KERNICK); P.O. Box 3511, Halfway House, 1685 Midrand (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ F16H 57/04
- (11) WO 2004/090385 (13) A1
- (21) PCT/EP2004/001679
- (22) 20 Feb/fév 2004 (20.02.2004)
- (25) de (26) de
- (30) 103 15 598.8 5 Apr/avr 2003 DE (05.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • GEAR DEVICE
- DISPOSITIF DE TRANSMISSION
- (71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NIED, Hartmut [DE/DE]; Erbachstrasse 19, 71336 Waiblingen (DE).
SCHOLZ, Ulrich [DE/DE]; Im Malerwinkel 1, 72622 Nürtingen (DE).
- (74) KOCHER, Klaus-Peter et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ F16H 57/04
- (11) WO 2004/090386 (13) A1
- (21) PCT/EP2004/003491
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) de (26) de
- (30) 103 15 684.4 7 Apr/avr 2003 DE (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • HEAT EXCHANGER INTEGRATED IN A TRANSMISSION
- ECHANGEUR THERMIQUE INTEGRE A UNE BOITE DE VITESSES
- (71) ZF FRIEDRICHSHAFEN AG [DE/DE]; 88038 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FÜHRER, Gerhard [DE/DE]; Porscheweg 5, 88048 Friedrichshafen (DE).
HÖRING, Gerhard [DE/DE]; Dr.-Fritz-Zimmermann-Str. 17, 88709 Hagnau (DE).
STAUBER, Roland [DE/DE]; Schmalholzstrasse 3/3, 88048 Friedrichshafen (DE).
RAEDER, Marcus [DE/DE]; Am Schlehengang 17b, 88697 Bermatingen (DE).
- (74) ZF FRIEDRICHSHAFEN AG; 88038 Friedrichshafen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F16H 61/32
- (11) WO 2004/090387 (13) A1
- (21) PCT/JP2004/004571
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) en (26) en
- (30) 2003-101980 4 Apr/avr 2003 JP (04.04.2003)
- (30) 2003-301547 26 Aug/août 2003 JP (26.08.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SHIFT CONTROL SYSTEM, SHIFT CONTROL METHOD AND SHIFT SWITCHING DEVICE
- SYSTEME DE COMMANDE DES VITESSES, PROCEDURE DE COMMANDE DES VITESSES ET DISPOSITIF DE PASSAGE DES VITESSES
- (71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 4718571 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AMAMIYA, Sumiko [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 4718571 (JP).
OZEKI, Tatsuya [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 4718571 (JP).
KAMIO, Shigeru [JP/JP]; c/o DENSO CORPORATION, 1-1, Showa-cho, Kariya-shi, Aichi 4488661 (JP).
NAKAI, Yasuhiro [JP/JP]; c/o DENSO CORPORATION, 1-1, Showa-cho, Kariya-shi, Aichi 4488661 (JP).
ITO, Taku [JP/JP]; c/o DENSO CORPORATION, 1-1, Showa-cho, Kariya-shi, Aichi 4488661 (JP).
KAWAGUCHI, Kazuo [JP/JP]; c/o TOYOTA COMMUNICATION SYSTEMS CO., LTD., 1-26-12, Aoi, Higashi-ku, Nagoya-shi, Aichi 4610004 (JP).
SHIMIZU, Yasuo [JP/JP]; c/o DAIICHI SYSTEM ENGINEERING CO., LTD., 4F, GAZA-Building, 1-140, Kitamachi, Toyota-shi, Aichi 4710027 (JP).
- (74) FUKAMI, Hisao et al. / etc.; Fukami Patent Office, Mitsui Sumitomo Bank Minamimorimachi Bldg., 1-29, Minamimorimachi 2-chome, Kita-ku, Osaka-shi, Osaka 5300054 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ F16H 63/20, 3/00
- (11) WO 2004/090388 (13) A1
- (21) PCT/EP2004/003499
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) de (26) de
- (30) 103 16 163.5 9 Apr/avr 2003 DE (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MULTI-STEP MANUAL TRANSMISSION FOR AN INTERNAL COMBUSTION ENGINE
- BOITE DE VITESSES MULTI-ETAGEE POUR MOTEUR A COMBUSTION INTERNE
- (71) DR. ING. H. C. F. PORSCHE AKTIENGESELLSCHAFT [DE/DE]; Porscheplatz 1, 70435 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KLUGE, Marc [DE/DE]; Elser Ring 37, 74354 Besigheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ F16J 9/14, 9/22
 (11) WO 2004/090389 (13) A1
 (21) PCT/EP2003/003719
 (22) 10 Apr/avr 2003 (10.04.2003)
 (25) en (26) en
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • A PISTON RING FOR AN INTERNAL COMBUSTION ENGINE
 • SEGMENT DE PISTON POUR MO-TEUR A COMBUSTION INTERNE
 (71) MAN B & W DIESEL A/S [DK/DK]; Teglhølmegade 41, DK-2450 Copenhagen SV (DK).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) WEIS FOGH, Jesper [DK/DK]; Folkets Allé 41, DK-2000 Frederiksberg (DK).
 (74) VAN WALSTIJN, B., Gerard, G.; Walstijn Intellectual Property ApS, Parkovsvej 3, DK-2820 Gentofte (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 SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F16J 15/18
 (11) WO 2004/090390 (13) A1
 (21) PCT/JP2004/004792
 (22) 1 Apr/avr 2004 (01.04.2004)
 (25) ja (26) ja
 (30) 2003-99310 2 Apr/avr 2003 JP (02.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • SEAL RING
 • BAGUE D'ETANCHEITE
 (71) KABUSHIKI KAISHA RIKEN [JP/JP]; 13-5, Kudan-kita 1-chome, Chiyoda-ku, Tokyo 102-0073 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) HATORI, Shigeyuki [JP/JP]; c/o Kabushiki Kaisha Riken, Kashiwazaki Office, 1-37, Hokuto-cho, Kashiwazaki-shi, Niigata 945-0027 (JP).
 (74) KUWABARA, Hideaki; Kuwabara & Associates, 4th Floor, Onarimon Daini Bldg., 16-12, Shinbashi 6-chome, Minato-ku, Tokyo 105-0004 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F16J 15/32
 (11) WO 2004/090391 (13) A1
 (21) PCT/JP2004/004887
 (22) 5 Apr/avr 2004 (05.04.2004)
 (25) ja (26) ja
 (30) 2003-102432 7 Apr/avr 2003 JP (07.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • LIP-TYPE SEAL
 • JOINT À LÈVRE
 (71) EAGLE INDUSTRY CO., LTD. [JP/JP]; 12-15, Shiba-Daimon 1-chome, Minato-ku, Tokyo 105-8587 (JP). TOYODA INDUSTRIES CORPORATION [JP/JP]; 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) OIYAMA, Koichiro [JP/JP]; c/o Eagle Industry Co., Ltd., 12-15, Shiba-Daimon 1-chome, Minato-ku, Tokyo 105-8587 (JP). IKEDA, Yasuhiro [JP/JP]; c/o Eagle Industry Co., Ltd., 12-15, Shiba-Daimon 1-chome, Minato-ku, Tokyo 105-8587 (JP). ICHIYASU, Hajime [JP/JP]; c/o Eagle Industry Co., Ltd., 12-15, Shiba-Daimon 1-chome, Minato-ku, Tokyo 105-8587 (JP). MIYAI, Ichiro [JP/JP]; c/o Eagle Industry Co., Ltd., 12-15, Shiba-Daimon 1-chome, Minato-ku, Tokyo 105-8587 (JP). YAMADA, Takeshi [JP/JP]; c/o Toyoda Industries Corporation, 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP). OSAKO, Masami [JP/JP]; c/o Toyoda Industries Corporation, 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP).
 (74) YAMAMOTO, Takatoshi; Nishishinbashi Fukutoku Bldg., 11-5, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F16J 15/54
 (11) WO 2004/090392 (13) A1
 (21) PCT/KR2004/000835
 (22) 10 Apr/avr 2004 (10.04.2004)
 (25) ko (26) en
 (30) 10-2003-0023001 11 Apr/avr 2003 KR (11.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • A SEALING UNIT FOR A ROTARY DEVICE
 • BLOC D'ETANCHEITE POUR DISPOSITIF ROTATIF
 (71) SHIN WON CO., LTD. [KR/KR]; B-611, SK Twintech Tower, 345-9, Gasan-dong, Keumcheon-gu, Seoul 153-802 (KR).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) RHEE, Hee-Jang [KR/KR]; A-301, Jeonwon Villa, 179-3, Dacyami-dong, Gunpo-si, Gyeonggi-do 435-060 (KR).
 (74) KWON, Hyuk-Sung; 2F, Myung Jin Bldg., 746-9 Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F16K 11/085, F04B 49/03
 (11) WO 2004/090393 (13) A1
 (21) PCT/IB2004/001434
 (22) 5 Apr/avr 2004 (05.04.2004)
 (25) en (26) en
 (30) 10/407,202 7 Apr/avr 2003 US (07.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • PUMPING SYSTEM VALVE AND REPLACEMENT KIT FOR A VALVE
 • VANNE POUR SYSTEME DE POMPAGE ET TROUSSE DE REMPLACEMENT POUR VANNE
 (71) BS & B SAFETY SYSTEMS LIMITED [IE/IE]; Bay G-1, Raheen Industrial Estate, Raheen County, Limerick (IE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) LEFEBVRE, Douglas [CA/CA]; 97 Brookville Estates, 53347-RR215, Ardrossan, Alberta T8E 2B2 (CA).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16K 15/14

(11) WO 2004/090394 (13) A1

(21) PCT/EP2004/003724

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) 103 16 903.2 12 Apr/avr 2003 DE (12.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BACKFLOW PREVENTER

• SYSTEME ANTI-REFLUX

(71) NEOPERL GMBH [DE/DE]; Klosterrun-
sstrasse 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 AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ F16K 17/19, A01F 25/16

(11) WO 2004/090395 (13) A1

(21) PCT/EP2004/002787

(22) 18 Mar/mar 2004 (18.03.2004)

(25) de (26) de

(30) 103 18 310.8 14 Apr/avr 2003 DE (14.04.2003)

(30) PCT/EP04/000605 24 Jan/jan 2004 EP (24.01.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE FOR OPENING A VALVE, ES-
PECIALLY AN AIR-INLET VALVE OR A
GAS-LEAK VALVE OF A FERME-
NTATION OR DIGESTION TANK

• DISPOSITIF POUR OUVRIR UN CLA-
PET, NOTAMMENT UN CLAPET
D'ENTREE D'AIR OU UN CLAPET
DE SORTIE DE GAZ D'UN RESER-
VOIR DE FERMENTATION OU DE
DECOMPOSITION

(71, 72) LIPP, Xaver [DE/DE]; Marktplatz 11,
73479 Ellwangen (DE).

(74) BARTELS UND PARTNER; Lange Strasse
51, 70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F16K 17/19, A01F 25/16

(11) WO 2004/090396 (13) A1

(21) PCT/EP2004/000605

(22) 24 Jan/jan 2004 (24.01.2004)

(25) de (26) de

(30) 103 18 310.8 14 Apr/avr 2003 DE (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE FOR OPENING A VALVE,
PARTICULARLY AN AIR INLET
VALVE OR GAS OUTLET VALVE OF
A FERMENTATION OR DIGESTION
TANK

• DISPOSITIF POUR OUVRIR UN CLA-
PET, NOTAMMENT UN CLAPET
D'ADMISSION D'AIR OU UN CLAPET
DE SORTIE DE GAZ D'UN RECIPIENT
FERMENTEUR OU D'UN RECIPIENT
DIGESTEUR

(71, 72) LIPP, Xaver [DE/DE]; Marktplatz 11,
73479 Ellwangen (DE).

(74) BERTELS UND PARTNER; Lange Strasse
51, 70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F16K 17/40

(11) WO 2004/090397 (13) A1

(21) PCT/RU2003/000349

(22) 6 Aug/août 2003 (06.08.2003)

(25) ru (26) ru

(30) 2003109681 7 Apr/avr 2003 RU (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • THERMAL CHECK VALVE

• CLAPET THERMIQUE

(71, 72) ROMANENKO, Nikolaj Trofimovich
[RU/RU]; ul. Gamalei, 9-92, Moscow,
123098 (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
SD SE SG SK SL TJ TM TN TR TT TZ UA
UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F16K 21/12

(11) WO 2004/090398 (13) A1

(21) PCT/KR2004/000710

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ko (26) en

(30) 10-2003-0023079 11 Apr/avr 2003 KR (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SHUTTLE VALVE

• SELECTEUR DE CIRCUIT

(71, 72) JUNG, Myung-Gil [KR/KR]; 75-18
Gwangan 3-dong, Suyeong-gu, Busan
613-800 (KR).

(74) KIM, Joon-Soo; 6th Fl., Yeongjin-Bldg.,
300-15 Gaya 3-dong, Busanjin-gu, Busan
614-803 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F16K 31/00

(11) WO 2004/090399 (13) A2

(21) PCT/US2004/010262

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,666 4 Apr/avr 2003 US (04.04.2003)

(30) 10/613,138 3 Jul/juil 2003 US (03.07.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PIEZO-ELECTRIC ACTUATED MULTI-
VALVE MANIFOLD

• COLLECTEUR MULTI-SOUPAPE A
COMMANDE PIEZOELECTRIQUE

(71) VIKING TECHNOLOGIES, L.C.
[US/US]; 1500 Independence Blvd., Sara-
sota, FL 34234 (US).

(72) **MOLER, Jeff**; 1500 Independence Blvd., Sarasota, FL 34234 (US). **WOOLEY, Mark**; P.O. Box 3083, Riverview, FL 33568 (US). **BÜGEL, John**; 10601 Yunker Drive, Largo, FL 33774 (US).

(74) **HELMHOLDT, Thomas, D.**; Young & Basile, P.C., 2001 West Big Beaver Road, Suite 624, Troy, MI 48084 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16K 31/08, 31/62, 31/385, E03C 1/05

(11) WO 2004/090400 (13) A1

(21) PCT/EP2004/003763

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 103 15 926.6 8 Apr/avr 2003 DE (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • VALVE FOR A TAP

• DISPOSITIF D'OBTURATION POUR UN ROBINET D'EAU

(71, 72) **PERLSTEIN, Jacob** [IL/DE]; Händelstrasse 21, 61130 Nidderau (DE).

(74) **SCHICKEDANZ, Willi**; Langener Strasse 68, 63073 Offenbach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16K 31/08

(11) WO 2004/090401 (13) A1

(21) PCT/FR2004/000779

(22) 26 Mar/mar 2004 (26.03.2004)

(25) fr (26) fr

(30) 03/03784 27 Mar/mar 2003 FR (27.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MAGNETICALLY-COUPLED VALVE

• SOUPAPE ACCOUPLEE MAGNETIQUEMENT

(71) **SAMES TECHNOLOGIES** [FR/FR]; 13 Chemin de Malacher, ZIRST, F-38240 Meylan (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MERABET, Djamel** [FR/FR]; 9, allée du Rachais, F-38320 Eybens (FR). **PRUS, Eric** [FR/FR]; 54, rue Mallifaud, F-38000 Grenoble (FR). **BALLU, Patrick** [FR/FR]; 4, rue du Général Baratier, F-51100 Reims (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16K 31/122

(11) WO 2004/090402 (13) A1

(21) PCT/JP2004/002975

(22) 8 Mar/mar 2004 (08.03.2004)

(25) ja (26) ja

(30) 2003-100704 3 Apr/avr 2003 JP (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FLUID OPERATING VALVE

• SOUPAPE A COMMANDE HYDRAULIQUE

(71) **ASAHI ORGANIC CHEMICALS INDUSTRY CO., LTD.** [JP/JP]; 5955, Nakanosecho 2-chome, Nobeoka-shi, Miyazaki 882-8688 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAMADA, Takeshi** [JP/JP]; Asahi Organic Chemicals Industry Co., Ltd., 595, Nakanosecho 2-chome, Nobeoka-shi, Miyazaki 882-8688 (JP). **HANADA, Toshihiro** [JP/JP]; Asahi Organic Chemicals Industry Co., Ltd., 595, Nakanosecho 2-chome, Nobeoka-shi, Miyazaki 882-8688 (JP).

(74) **AOKI, Atsushi et al.** / etc.; A. Aoki, Ishida & Associates, Toranomom 37 Mori Building, 5-1, Toranomom 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16K 31/528, 31/163, F15B 15/08, 15/14

(11) WO 2004/090403 (13) A1

(21) PCT/IL2004/000260

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 155255 6 Apr/avr 2003 IL (06.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ROTARY VALVE ACTUATOR

• MOTEUR DE VANNE TOURNANTE

(71) **B.G. TECH LTD.** [IL/IL]; Hahistadrut Ave. 99, Haifa Bay 31250 (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRINBERG, Joseph** [IL/IL]; Mizpeh Gita 33, Mobile Post 25257 Ashrat, Israel (IL).

(74) **AGRANOV, David**; 20 Moriah Ave., Haifa 34571 (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16K 31/68, F01P 7/16

(11) WO 2004/090404 (13) A1

(21) PCT/JP2004/000670

(22) 26 Jan/jan 2004 (26.01.2004)

(25) ja (26) ja

(30) 2003-101696 4 Apr/avr 2003 JP (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • THERMOSTAT

• THERMOSTAT

(71) **NIPPON THERMOSTAT CO., LTD.** [JP/JP]; 59-2, Nakazato 6-chome, Kiyose City, Tokyo 2040003 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **INOUE, Fujio** [JP/JP]; C/O NIPPON THERMOSTAT CO., LTD., 59-2, Nakazato 6-chome, Kiyose City, Tokyo 2040003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ F16L 5/14, 55/10, F17D 5/04

(11) WO 2004/090405 (13) A1

(21) PCT/IB2004/050403

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) U0300090 7 Apr/avr 2003 HU
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A CONDUIT SYSTEM FOR TRANSPORTING A GASEOUS MEDIUM, SUITABLE FOR INTRAMURAL INSTALLATION

• SYSTEME DE CONDUITS UTILE POUR TRANSPORTER UN MILIEU GAZEUX ET SUSCEPTIBLE D'INSTALLATION INTRAMURALE

(71, 72) JUHÁSZ, László [HU/HU]; XXIII. utca 7, H-1172 Budapest (HU).

(74) ANTALFFY-ZSIROS, András; Danubia Patent & Trademark Attorneys, Bajcsy-Zsilinszky út 16, H-1051 Budapest (HU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16L 17/06, 17/10, F16J 15/46

(11) WO 2004/090406 (13) A1

(21) PCT/EP2004/003924

(22) 14 Apr/avr 2004 (14.04.2004)

(25) de (26) de

(30) 103 17 150.9 14 Apr/avr 2003 DE
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AUTOMATIC COUPLING DEVICE
• DISPOSITIF D'ACCOUPLLEMENT AUTOMATIQUE

(71) BELIMED GMBH [DE/DE]; Edisonstrasse 7a, 84453 Mühldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) ALTHAMMER, Jürgen [DE/DE]; DruckhausInnstrasse 10, 84559 Kraiburg (DE).

(74) FELDKAMP, Rainer; Garmischer Strasse 4, 80339 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 33/00

(11) WO 2004/090407 (13) A1

(21) PCT/JP2003/016890

(22) 26 Dec/déc 2003 (26.12.2003)

(25) ja (26) ja

(30) 2003-103529 8 Apr/avr 2003 JP
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TUBE CONNECTION STRUCTURE
• STRUCTURE DE RACCORD DE TUYAU

(71) SANOH INDUSTRIAL CO., LTD. [JP/JP]; 4-2-27, Honcho, Koga-shi, Ibaraki 306-0023 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAYAKAWA, Shoji [JP/JP]; c/o Sanoh Industrial Co., Ltd., 758, Konosu, Koga-shi, Ibaraki 306-0041 (JP).

(74) IWANE, Masatoshi; 6F, Tamura Bldg., 1-1, Kanda-awajicho, Chiyoda-ku, Tokyo 101-0063 (JP).

(81) CA CN MX US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : CA CN MX EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(51)⁷ F16L 37/14

(11) WO 2004/090408 (13) A1

(21) PCT/EP2004/003631

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) RE2003 U 000009 9 Apr/avr 2003 IT
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • QUICK COUPLING DEVICE FOR AN OVERFLOW VALVE
• DISPOSITIF DE RACCORD RAPIDE POUR SOUPEPE DE DECHARGE

(71) UFI FILTERS S.P.A. [IT/IT]; Via Europa, 26, I-46047 Porto Mantovano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GIRONDI, Giorgio [IT/IT]; Vicolo Carbone, 14, I-46100 Mantova (IT).

(74) CORRADINI, Corrado et al. / etc.; Via Dante Alighieri, 4, I-42100 Reggio Emilia (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ F16L 41/02

(11) WO 2004/090409 (13) A1

(21) PCT/JP2004/005132

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ja (26) ja

(30) 2003-107159 10 Apr/avr 2003 JP
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONNECTION STRUCTURE FOR PIPING MEMBERS
• STRUCTURE DE RACCORDEMENT POUR ELEMENTS DE CANALISATION

(71) ASAHI ORGANIC CHEMICALS INDUSTRY CO., LTD. [JP/JP]; 5955, Nakanose-cho 2-chome, Nobeoka-city, Miyazaki, 8820032 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAMADA, Takeshi [JP/JP]; c/o ASAHI ORGANIC CHEMICALS INDUSTRY CO., LTD. 5955, Nakanose-cho 2-chome, Nobeoka-city, Miyazaki, 8828688 (JP).

(74) ETO, Akira; Koyo Building 2nd Floor, 1-23, Asahi 1-chome, Miyazaki-city, Miyazaki, 880-0803 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F16L 41/06, B21C 37/29

- (11) WO 2004/090410 (13) A1

(21) PCT/IB2004/001033

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/461,108 8 Apr/avr 2003 US
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • FITTING FOR FLUID CONVEYANCE
• EMBOUT POUR TRANSPORT DE
FLUIDE

(71) EATON CORPORATION [US/US]; Eaton
Center, 1111 Superior Avenue, Cleveland,
Ohio 44114-2584 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HAUNHORST, Gregory, A. [US/US];
568 Ballybay Court, Perrysburg, Ohio 43551
(US). MANGOL, Jason, A. [US/US]; 1255
Berkshire, Grosse Point Park, Michigan
48230 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F16L 55/165

- (11) WO 2004/090411 (13) A1

(21) PCT/GB2004/001537

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 0308529.7 12 Apr/avr 2003 GB
(12.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • LINING DUCTS
• REVETEMENT INTERIEUR DE CANA-
LISATIONS

(71) SEVERN TRENT WATER LIMITED
[GB/GB]; 2297 Coventry Road, Birmingham
B26 3PU (GB). YORKSHIRE WATER
SERVICES LIMITED [GB/GB]; Wester
House, Halifax Road, Bradford BD6 2ZS
(GB). NCC DANMARK A/S [DK/DK];

Tuborg Havnevej 15, DK-2900 Hellerup
(DK). ANGLIAN WATER SERVICES
LIMITED [GB/GB]; Anglian House, Am-
bury Road, Huntingdon, Cambridgeshire
PE29 3NZ (GB). EURO-PROJECTS
(LTTC) LIMITED [GB/GB]; 105 Derby
Road, Loughborough LE11 0AH (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WEATHERBY, Nicholas, Leo
[GB/GB]; 26 Repton Road, West Bridge-
ford, Nottingham NG2 7EJ (GB). TURNER,
Matthew, Richard [GB/GB]; 26 Ella Road,
West Bridgeford, Nottingham NG2 5GW
(GB).

(74) BARKER, Brettell; 138 Hagley Road, Edg-
baston, Birmingham B16 9PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F16L 59/065

- (11) WO 2004/090412 (13) A1

(21) PCT/US2004/010239

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/459,848 2 Apr/avr 2003 US
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • FLUID PIPING SYSTEMS AND PIPE
SPOOLS SUITABLE FOR SUB SEA
USE
• TUYAUTERIES POUR FLUIDE ET
ENROULEURS DE TUYAUX CONVE-
NANT POUR UN EMPLOI SOUS-MA-
RIN

(71) CHART INDUSTRIES, INC. [US/US];
5885 Landerbrook Drive, Mayfield Heights,
OH 44124 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BONN, John, W. [US/US]; 3815 Dar-
byshire Drive, Hilliard, OH 43026-2535
(US).

(74) DREW, Joan, N.; Calfee, Halter & Gris-
wold, 21 East State Street, 1100 Fifth Third
Center, Columbus, OH 43215 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ F16M 5/00

- (11) WO 2004/090413 (13) A1

(21) PCT/EP2004/003506

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 103 16 029.9 7 Apr/avr 2003 DE
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • FRAME CONSISTING OF LONGITU-
DINAL BEAMS AND TRANSVERSES
FOR BEARING UNITS AND METHOD
FOR PRODUCING SAID FRAME

• CHASSIS CONSTITUE DE LONGE-
RONS ET DE TRAVERSES CONCU
POUR SUPPORTER DES UNITES
ET PROCEDE POUR PRODUIRE CE
CHASSIS

(71) MTU FRIEDRICHSHAFEN GMBH
[DE/DE]; Maybachplatz 1, 88045
Friedrichshafen (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MURARESCU, Viktor-Mar-
ius [DE/DE]; Hünistrasse 5, 88046
Friedrichshafen (DE). ENGELS, Björn
[DE/DE]; Lufthörn 27, 24340 Eckernförde
(DE). HOPT, Andreas [DE/DE]; Butter-
birnenweg 6, 88048 Friedrichshafen (DE).
SCHUCHARDT, Matthias [DE/DE]; Re-
generstrasse 6, 88045 Friedrichshafen (DE).

(74) WINTER, Josef; MTU Friedrichshafen
GmbH, Abt. ZJ-P, Maybachplatz 1, 88045
Friedrichshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F16P 3/14, G08C 17/02, B66C 13/40

- (11) WO 2004/090414 (13) A1

(21) PCT/EP2004/003815

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 103 16 715.3 11 Apr/avr 2003 DE
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • REMOTE CONTROL TRANSMITTER
HOUSING COMPRISING A POSITION
DETECTION DEVICE
• LOGEMENT D'EMETTEUR DE COM-
MANDE A DISTANCE COMPORTANT

UN DISPOSITIF DE DETECTION DE POSITION

(71) **WACKER CONSTRUCTION EQUIPMENT AG** [DE/DE]; Preussenstrasse 41, 80809 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STEFFEN, Michael** [DE/DE]; Friedrich-Loy-Strasse 11, 80796 München (DE).

(74) **HOFFMANN, Jörg, Peter; Müller, Hoffmann & Partner, Innere Wiener Strasse 17, 81667 München (DE).**

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F21S 8/00**

(11) **WO 2004/090415** (13) A2

(21) PCT/FR2004/000829

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) fr (26) fr

(30) 03/04173 **4 Apr/avr 2003 FR (04.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • **REAR LIGHT, PARTICULARLY A STOP LIGHT FOR A MOTOR VEHICLE**

• **FEU ARRIERE, EN PARTICULIER FEU STOP POUR VEHICULE AUTOMOBILE**

(71) **SLI MINIATURE LIGHTING SA Société Anonyme** [FR/FR]; 12 rue du Barlot -BP 909, F-25021 Besancon Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDERLINI, Daniel** [FR/FR]; 4 place Roger Arnoux, F-25800 Valdahon (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **F21S 10/02**

(11) **WO 2004/090416** (13) A1

(21) PCT/MX2003/000032

(22) **7 Apr/avr 2003 (07.04.2003)**

(25) es (26) es

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • **MULTICOLOR LIGHTING SYSTEM**
• **SYSTEME D'ECLAIRAGE MULTICOLORE**

(71, 72) **PINEDA ORTEGA, José, Alfredo** [MX/MX]; Av. Vallarta, 4327 E12, Col Camino Real, Zapopan, Jalisco 45042 (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 SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F21S 19/00, A47G 33/00**

(11) **WO 2004/090417** (13) A1

(21) PCT/IB2003/001457

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) es (26) es

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • **TOUCH-CONTROLLED SOUND-EMITTING CANDLE SYSTEM ACTING AS A CONSUMABLE CANDLE HOLDER**

• **SYSTEME A CIERGES SERVANT DE SUPPORT POUR CIERGES CONSOMMABLES, A COMMANDE TACTILE ET A FONCTION SONORE**

(71, 72) **URIBE SAUZA, José, Joaquin** [CO/CO]; Calle 16 No. 29 - 18, Barrio Santa Cruz, Giron, Zona 6 Santander del Sur (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 NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F21V 3/04**

(11) **WO 2004/090418** (13) A2

(21) PCT/IB2004/050361

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) en (26) en

(30) 03100933.5 **7 Apr/avr 2003 EP (07.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • **LUMINAIRE**

• **LUMINAIRE**

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE LEUW, Maarten** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BECHTEL, Hans-Helmut** [DE/DE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **OPITZ, Joachim** [DE/DE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BEIKES, Stefan** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN DER HEIJDEN, Bas** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **PET, Robert, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ **F23D 11/02**

(11) **WO 2004/090419** (13) A1

(21) PCT/CN2003/000286

(22) **21 Apr/avr 2003 (21.04.2003)**

(25) zh (26) zh

(30) 03227343.6 **10 Apr/avr 2003 CN (10.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • A BURNER WITH ENVIRONMENTAL PROTECTION AND ENERGY SAVING ADVANTAGES
• BRULEUR PRESENTANT DES AVANTAGES SUR LE PLAN DE LA PROTECTION DE L'ENVIRONNEMENT ET DE L'ECONOMIE D'ENERGIE
- (71, 72) ZHOU, Shu [CN/CN]; 46# Qingshanci, Changsha, Hunan 410002 (CN).
- (74) CHANGSHA ZONEKEY PATENT LAW FIRM; 135# Bayi Rd., Changsha, Hunan 410001 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F23D 11/44, F28F 19/06
(11) WO 2004/090420 (13) A1
(21) PCT/EP2003/003804
(22) 11 Apr/avr 2003 (11.04.2003)
(25) de (26) de
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • BURNER FOR A STOVE OPERATED WITH LIQUID FUEL, PREFERABLY FOR A VEGETABLE OIL STOVE
• BRULEUR POUR APPAREIL DE CUISSON FONCTIONNANT AVEC UN COMBUSTIBLE LIQUIDE, DE PREFERENCE POUR UN APPAREIL DE CUISSON A HUILE VEGETALE
- (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) STUMPF, Elmar [DE/DE]; Silberburgstr. 140, 70176 Stuttgart (DE).
MÜHLBAUER, Werner [DE/DE]; Fliederweg 4, 73765 Neuhausen (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ F23D 14/06
(11) WO 2004/090421 (13) A1
(21) PCT/CA2004/000553
(22) 14 Apr/avr 2004 (14.04.2004)
(25) en (26) en
(30) 2,425,777 14 Apr/avr 2003 CA (14.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • NOX REDUCTION IN BURNERS
• REDUCTION DE NOX DANS DES BRULEURS
- (71, 72) CHATO, John, D. [CA/CA]; 4266 Grange st., Suite 1907, Burnaby, British Columbia V5J 1P2 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (74) RIEDER, Thomas, T.; 301 Petheram Pl., Newmarket, Ontario L3X 1J8 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F23G 5/027, 5/00
(11) WO 2004/090422 (13) A1
(21) PCT/CN2003/000826
(22) 27 Sep/sep 2003 (27.09.2003)
(25) zh (26) zh
(30) 03120801.0 20 Mar/mar 2003 CN (20.03.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND APPARATUS FOR TREATING MEDICAL MATERIALS
• PROCEDE ET APPAREIL DE TRAITEMENT DE MATERIELS MEDICAUX
- (71, 72) ZHOU, Dingli [CN/CN]; 606 Building C, Block N0. 2, Hengfu Street, Kexuecheng, Fengtai District, Beijing 100070 (CN).
- (74) HUANG, Zexiong; Boss & Young Patent & Trademark Law Office, 9/F., Air China Plaza, N0. 36 Xiaoyun Road, Chaoyang District, Beijing 100027 (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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ F23R 3/00, F23M 5/04, F23R 3/60, F23M 5/02
(11) WO 2004/090423 (13) A1
(21) PCT/EP2004/003073
(22) 23 Mar/mar 2004 (23.03.2004)
(25) de (26) de
(30) 03008367.9 10 Apr/avr 2003 EP (10.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • HEAT SHIELD ELEMENT
• ELEMENT D'ECRAN THERMIQUE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TIEMANN, Peter [DE/DE]; Oberdorf 14, 58452 Witten (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ F24C 15/00, 3/04, 7/06
(11) WO 2004/090424 (13) A2
(21) PCT/US2004/010111
(22) 31 Mar/mar 2004 (31.03.2004)
(25) en (26) en
(30) 60/459,442 1 Apr/avr 2003 US (01.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • RADIANT ENERGY SOURCE SYSTEMS, DEVICES AND METHODS
• SYSTEMES DE SOURCES D'ENERGIE RAYONNANTE ET PROCEDE POUR CAPTURER, COMMANDER, RECYCLER DES FLUX GAZEUX
- (71) RADIANT OPTICS, INC. [US/US]; 14522 NE N Woodinville Way, Woodinville, WA 98072 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) JOHNSON, Roger, N. [US/US]; 7808 SE 24th Street, Mercer Island, WA 98040 (US).
- (74) CLISE, Timothy, B. et al. / etc.; P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F24C 15/20, 15/02

(11) WO 2004/090425 (13) A2

(21) PCT/EP2004/003817

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 103 16 204.6 9 Apr/avr 2003 DE (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE FOR EXTRACTING AND DELIVERING AIR FOR A COOKING PLACE

• DISPOSITIF SERVANT A ASPIRER ET A FOURNIR DE L'AIR, CONÇU POUR UN POINT DE CUISSON

(71) BOFFI S.P.A. [IT/IT]; Via Oberdan, 70, I-Lentate sul Seveso (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WANGEN, Norbert [DE/CH]; Casa San Giovanni, CH-6922 Morcote (CH).

(74) VOSSIUS & PARTNER; Siebertstrasse 4, 81675 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F24C 15/20

(11) WO 2004/090426 (13) A1

(21) PCT/EP2004/003885

(22) 13 Apr/avr 2004 (13.04.2004)

(25) de (26) de

(30) 10316571.1 10 Apr/avr 2003 DE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONTROL DEVICE FOR A FUME EXTRACTION DEVICE

• DISPOSITIF DE COMMANDE POUR SYSTEME D'EVACUATION DE VAPEURS

(71) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH [DE/DE]; Carl-Wery-Str. 34, 81739 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROY, Reinhold [DE/DE]; Am Hag 6, 88299 Leutkirch (DE).

(74) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH; Carl-Wery-Str. 34, 81739 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ F24C 15/20

(11) WO 2004/090427 (13) A1

(21) PCT/ES2004/000153

(22) 5 Apr/avr 2004 (05.04.2004)

(25) es (26) es

(30) P 2003 00814 7 Apr/avr 2003 ES (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SILENCER FOR FUME EXTRACTING HOODS

• SILENCIEUX POUR HOTTES ASPIRANTES EVACUANT LA FUMEE

(71) CATA ELECTRODOMESTICOS S.L. [ES/ES]; Angel Guimerá, 16-17, E-08570 Torello (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARLADE DE ELIA, Jorge [ES/ES]; Bisbe Morgades, 35, E-08500 Vic (ES). CASALS TRAVE, Joan [ES/ES]; Balmes, 36, E-08570 Torello (ES).

(74) DAVILA BAZ, Angel; C/O Clarke, Modet & Co., C/Goya n° 11, E-28001 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F24D 19/02, F24H 9/12, F16L 27/08

(11) WO 2004/090428 (13) A1

(21) PCT/IB2004/050139

(22) 24 Feb/fév 2004 (24.02.2004)

(25) it (26) en

(30) PCT/IT03/00223 10 Apr/avr 2003 IT (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HYDRAULIC JOINT ARTICULATED DEVICE AND USE THEREOF WITH A HEAT RADIATOR

• DISPOSITIF ARTICULE A JOINT HYDRAULIQUE ET SON UTILISATION AVEC UN RADIATEUR THERMIQUE

(71) BOZZI, Alejandro [IT/IT]; Via A.S. Battistelli 21, I-64100 Teramo (IT). LEDDA, Giampiero [IT/IT]; Via Memmingen s.n., I-64100 Teramo (IT).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) BERGAMANTE, Raffaele [IT/IT]; Via Cona 172, I-64100 Teramo (IT).

(74) LEONE, Mario et al. / etc.; Società Italiana Brevetti S.p.a., Piazza Di Pietra 39, I-00186 Rome (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F24D 19/10, F24H 9/12, F16L 27/08, F24D 19/02

(11) WO 2004/090429 (13) A1

(21) PCT/IT2003/000223

(22) 10 Apr/avr 2003 (10.04.2003)

(25) it (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HYDRAULIC JOINT ARTICULATED DEVICE AND USE THEREOF WITH A HEAT RADIATOR

• DISPOSITIF ARTICULE PAR UN JOINT HYDRAULIQUE ET SON UTILISATION AVEC UN RADIATEUR THERMIQUE

- (71, 72) **BERGAMANTE, Raffaele** [IT/IT]; Via Cona 172, I-64100 Teramo (IT).
- (72) **BOZZI, Alejandro**; Via A.S. Battistelli 21, I-64100 Teramo (IT). **LEDDA, Giampiero**; Via Memmingen s.n., I-64100 Teramo (IT).
- (74) **LEONE, Mario et al.** / etc.; Società Italiana Brevetti S.P.A. Piazza di Pietra 39, 00186 Roma (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F24F 1/02, F25D 17/02, 31/00, H05K 7/20**
- (11) **WO 2004/090430** (13) A1
- (21) PCT/EP2004/001037
- (22) **5 Feb/fév 2004 (05.02.2004)**
- (25) de (26) de
- (30) 103 16 045.0 **7 Apr/avr 2003** DE (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **RECIRCULATION COOLING SYSTEM**
• **INSTALLATION DE REFROIDISSEMENT PAR CIRCULATION**
- (71) **RITTAL GMBH & CO. KG** [DE/DE]; Auf dem Stützelberg, 35745 Herborn (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HINDER, Henno** [DE/DE]; Am Langacker 8, 35080 Bad Endbach (DE).
MÜLLER, Andreas [DE/DE]; Bruchgarten 38, 57258 Freudenberg (DE).
- (74) **FLECK, Hermann-Josef**; Klingengasse 2, 71665 Vaihingen/Enz (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F24F 11/02, D06F 58/00**
- (11) **WO 2004/090431** (13) A1
- (21) PCT/JP2004/004688
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) ja (26) ja
- (30) 2003-099240 **2 Apr/avr 2003** JP (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **DRYING DEVICE AND METHOD OF OPERATION THEREFOR**
• **DISPOSITIF DE SECHAGE ET MODE DE FONCTIONNEMENT DE 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) **YAKUMARU, Yuuichi/TAMURA, Tomoichiro/NISHIWAKI, Fumitoshi**
- (74) **SHIMIZU, Yoshihiro et al.** / etc.; 3rd Floor, Yashiro Building, 14-4, Takadanobaba 2-chome, Shinjuku-ku, Tokyo 169-0075 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F24H**
- (11) **WO 2004/090432** (13) A2
- (21) PCT/US2004/009788
- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) en (26) en
- (30) 10/407,260 **4 Apr/avr 2003** US (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **TEMPERATURE CONTROL IN COMBUSTION PROCESS**
• **REGULATION THERMIQUE DANS UN PROCESSUS DE COMBUSTION**
- (71) **TEXACO DEVELOPMENT CORPORATION** [US/US]; 6001 Bollinger Canyon Road, 3rd Floor, San Ramon, CA 94583 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MIRKOVIC, Vesna, R.** [YU/US]; 2201 Land Street, Pearland, TX 77584 (US). **WHEAT, William, S.** [US/US]; 3413 Crosby Landing, Missouri City, TX 77459 (US). **NGUYEN, Kevin, H.** [US/US]; 1623 Morning Dew Place, Missouri City, TX 77459 (US). **SUN, Hongqiao** [CN/US]; 2723 River Birch Drive, Sugar Land, TX 77479 (US). **BALASUBRAMANIAN, Bhaskar** [IN/US]; 3818 Eastside St. #19301, Houston, TX 77098 (US).
- (74) **TURNER, Franck, C. et al.** / etc.; Chevron-Texaco Corporation, Law Department, P.O. 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F24H 1/43, F28F 1/16, F28D 7/02**
- (11) **WO 2004/090434** (13) A1
- (21) PCT/EP2004/050332
- (22) **19 Mar/mar 2004 (19.03.2004)**
- (25) en (26) en
- (30) MI2003A 000769 **11 Apr/avr 2003** IT (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **HEAT EXCHANGER, METHOD OF PRODUCING SUCH AN EXCHANGER, AND BOILER COMPRISING SUCH AN EXCHANGER**
• **APPAREIL ECHANGEUR DE CHALEUR, PROCEDE DE PRODUCTION D'UN TEL APPAREIL ET CHAUFFE-EAU COMPRENANT UN TEL APPAREIL**
- (71) **RIELLO S.P.A.** [IT/IT]; Via degli Alpini, 1, I-37045 Legnago (IT).
- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F24H 1/10**
- (11) **WO 2004/090433** (13) A1
- (21) PCT/CA2004/000554
- (22) **14 Apr/avr 2004 (14.04.2004)**
- (25) en (26) en
- (30) 2,425,670 **14 Apr/avr 2003** CA (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **WATER HEATER**
• **CHAUFFE-EAU**
- (71, 72) **CHATO, John, D.** [CA/CA]; 4266 Grange st., Suite 1907, Burnaby, British Columbia V5J 1P2 (CA). **REJC, Stan** [CA/CA]; 720 Rodrick Avenue., Coq. British Columbia V3K 1P6 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (74) **RIEDER, Thomas, T.**; 301 Petheram Pl., Newmarket, Ontario L3X 1J8 (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOTTARLINI, Giuseppe** [IT/IT]; Via Bacò, 51, I-22050 Garlate (IT). **CANNAS, Christian** [IT/IT]; Via delle Villette, 15, I-23826 Mandello del Lario (IT). **CIOFOLO, Noé** [IT/IT]; Via Coldognetta, 4, I-23816 Barzio (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F24J

(11) **WO 2004/090435** (13) A2

(21) PCT/US2004/009812

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 10/405,668 **1 Apr/avr 2003 (01.04.2003)** US

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SELF-CONTAINED PERSONAL WARMING APPARATUS AND METHOD OF WARNING

• APPAREIL DE CHAUFFAGE AUTONOME POUR DES PERSONNES ET PROCÉDE DE CHAUFFAGE ASSOCIÉ

(71) **HEATMAX, INC.** [US/US]; P.O. Box 1191, Dalton, GA 30722 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YIM, Daniel, H.** [US/US]; 505 Hill Road, Dalton, GA 30721 (US).

(74) **GRUBER, Jennifer, M.**; Thomas, Kayden, Horstemeyer & Risley, L.L.P., 100 Galleria Parkway, Suite 1750, Atlanta, GA 30339-5948 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F24J 2/04

(11) **WO 2004/090436** (13) A1

(21) PCT/RU2003/000458

(22) **29 Oct/oct 2003 (29.10.2003)**

(25) ru (26) ru

(30) 2003110454 **14 Apr/avr 2003 (14.04.2003)** RU

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SOLAR COLLECTOR
• COLLECTEUR SOLAIRE

(71) **ZAKRYTOE AKTSIONERNOE OBSHESTVO "ALTEN"** [RU/RU]; ul. Krasnokazarmennaya, 14, MEI, Moscow, 111250 (RU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAZANDZHAN, Boris Ivanovich** [RU/RU]; ul. Tverskaya, 9-3, Moscow, 103009 (RU). **MASS, Alexandr Mihaylovich** [RU/RU]; Kashirskoye shosse, 82-262, Moscow, 115569 (RU). **DY-ACHISHIN, Alatoliy Silvestrovich** [RU/RU]; ul. Gagarina, 24-17, Reutov, Moskovskaya obl., 143960 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F24J 2/10

(11) **WO 2004/090437** (13) A1

(21) PCT/PT2004/000006

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) en (26) en

(30) 102938 **9 Apr/avr 2003 (09.04.2003)** PT

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SOLAR COLLECTOR OF THE CPC TYPE

• CAPTEUR SOLAIRE DE TYPE MIROIR COMPOSÉ

(71) **COLLARES PEREIRA, ENGENHARIA, UNIPESSOAL, LDA** [PT/PT]; Rua Professor Carlos teixeira, Lote F - 2, 6 B, P-1600-608 Lisboa (PT). **J.V.C.O.-ESTUDO E PROJECTO DE ENGENHARIA E AMBIENTE, UNIPESSOAL, LDA** [PT/PT]; Rua de Diu, No 19, P-2760-043 Caxias (PT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PEREIRA, Manuel, Pedro, Ivens, Colares** [PT/PT]; Rua Professor Carlos Teixeira, Lote F - 2, 6 B, P-1600-608 Lisboa (PT). **OLIVEIRA, João, Vieira, Correia** [PT/PT]; Rua de Diu, No 19, P-2760-043 Caxias (PT).

(74) **MOREIRA, Pedro, Alves**; Rua do Patrocínio, 94, 1399-019 Lisboa (PT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)⁷ F24J 2/30

(11) **WO 2004/090438** (13) A1

(21) PCT/DK2004/000257

(22) **7 Apr/avr 2004 (07.04.2004)**

(25) en (26) en

(30) PA 200300543 **9 Apr/avr 2003 (09.04.2003)** DK

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SOLAR COLLECTOR AND METHOD FOR ITS OPERATION

• CAPTEUR SOLAIRE ET PROCÉDE D'EXPLOITATION

(71, 72) **SKOVBJERG, Erik, Villum** [DK/DK]; Skovbjergvej 7, DK-7400 Herning (DK).

(74) **PATRADE A/S**; Fredens Torv 3A, DK-8000 Århus C (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F24J 2/46

(11) **WO 2004/090439** (13) A1

(21) PCT/AU2004/000459

(22) **8 Apr/avr 2004 (08.04.2004)**

(25) en (26) en

(30) 2003901720 **11 Apr/avr 2003 (11.04.2003)** AU

(30) 2003906266 **13 Nov/nov 2003 (13.11.2003)** AU

(30) 2004900789 **17 Feb/fév 2004 (17.02.2004)** AU

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A PROTECTION SYSTEM FOR A SOLAR WATER HEATING SYSTEM

• SYSTÈME DE PROTECTION POUR SYSTÈME DE CHAUFFAGE D'EAU SOLAIRE

- (71) RHEEM AUSTRALIA PTY LIMITED [AU/AU]; 1 Alan Street, Rydalmere, NSW 2116 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOURKE, Brendan, Vincent [AU/AU]; 71 Rosedale Road, Gordon, NSW 2072 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F25B 1/04, 27/00, B60H 1/32
- (11) WO 2004/090440 (13) A1
- (21) PCT/NL2004/000228
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) nl (26) en
- (30) 60/461,017 7 Apr/avr 2003 US (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DEVICE AND METHOD FOR COOLING AIR
• DISPOSITIF ET PROCEDE DE REFROIDISSEMENT DE L'AIR
- (71, 72) SCHIMMEL, Klaas [NL/NL]; Het Zandstuk 36, NL-1851 RR Heiloo (NL).
- (72, 75) SCHIMMEL, Antoine [NL/NL]; Het Zandstuk 36, NL-1851 RR Heiloo (NL).
- (74) LAND, Addick, Adrianus, Gosling; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
-
- (51)⁷ F25B 9/14
- (11) WO 2004/090441 (13) A1
- (21) PCT/JP2004/005048
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) ja (26) ja
- (30) 2003-106178 10 Apr/avr 2003 JP (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • RESONANCE FREQUENCY ADJUSTING METHOD AND STIRLING ENGINE
• METHODE DE REGLAGE DE FREQUENCE DE RESONANCE ET MO-TEUR STIRLING
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaiki-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TANAKA, Shohzoh [JP/JP]; 5-1-302, Sanjosakaemachi, Nara-shi, Nara 630-8126 (JP).
- (74) SANO, Shizuo; Tenmabashi-Yachiyo Bldg, Bekkan, 2-6, Tenmabashi-kyomachi, Chuo-ku, Osaka-shi, Osaka 540-0032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F25B 43/00, 45/00
- (11) WO 2004/090442 (13) A1
- (21) PCT/JP2004/004749
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) ja (26) ja
- (30) 2003-099013 2 Apr/avr 2003 JP (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • REFRIGERATION DEVICE
• DISPOSITIF DE REFRIGERATION
- (71) DAIKIN INDUSTRIES LTD. [JP/JP]; Umeda Center Bldg., 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka, 5308323 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YOSHIMI, Manabu YOSHIMI, Atsushi
- (74) MAEDA, Hiroshi et al. / etc.; Osaka-Marubeni Bldg., 5-7, Hommachi 2-chome, Chuo-ku, Osaka-shi, Osaka 5410053 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F25D 17/02, A23B 4/06, A23L 3/36
- (11) WO 2004/090443 (13) A1
- (21) PCT/NO2003/000254
- (22) 23 Jul/juil 2003 (23.07.2003)
- (25) no (26) en
- (30) 20031711 14 Apr/avr 2003 NO (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND SYSTEM FOR TEMPERING OF PRODUCT UNITS IN A TANK, AND APPLICATION THEREOF
• PROCEDE ET SYSTEME SERVANT A TEMPERER DES UNITES DE PRODUITS DANS UN RESERVOIR ET APPLICATION CORRESPONDANTE
- (71) UTSTYR & KJØLESERVICE AS [NO/NO]; Kokstadveien 10, P.O. Box 92, N-5863 Bergen (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BREKKE, Tor [NO/NO]; Skipanesveien 369, N-5259 Hjellevstad (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F25D 23/00
- (11) WO 2004/090444 (13) A1
- (21) PCT/AU2004/000447
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 2003901561 7 Apr/avr 2003 AU (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • REFRIGERATED CABINET
• MEUBLE REFRIGERE
- (71) DNA HOLDINGS PTY LTD [AU/AU]; 23 Bishop Street, Jolimont, Western Australia 6014 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORRIS, Griff, Michael [AU/AU]; 23 Bishop Street, Jolimont, Western Australia 6014 (AU).

(74) WRAY & ASSOCIATES; The Quadrant, Level 4, 1 William Street, Perth, W.A. 6000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F25J 3/04

(11) WO 2004/090445 (13) A1

(21) PCT/FR2004/050105

(22) 12 Mar/mar 2004 (12.03.2004)

(25) fr (26) fr

(30) 03/04105 2 Apr/avr 2003 FR (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND INSTALLATION FOR THE PROVISION OF GAS UNDER PRESSURE

• PROCEDE ET INSTALLATION DE FOURNITURE DE GAZ SOUS PRESSION

(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) GARNIER, Emmanuel [FR/FR]; 100, rue de Vaugirard, F-75006 Paris (FR). STAINE, Frédéric [FR/FR]; 15B, avenue Saint-Pierre, F-94420 Le Plessis Trevisé (FR).

(74) MERCEY, Fiona; L'Air Liquide SA, 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F26B 5/06

(11) WO 2004/090446 (13) A1

(21) PCT/GB2004/001585

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 0308360.7 11 Apr/avr 2003 GB (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND APPARATUS FOR FREEZE DRYING MATERIAL

• PROCEDE ET APPAREIL DESTINES A LYOPHILISER DES MATERIAUX

(71, 72) ACTON, Elizabeth [GB/GB]; New Hall, Huntingdon Road, Cambridge CB3 0DF (GB). MORRIS, George, John [GB/GB]; Thatched Cottage, Caxton Road, Bourn, Cambridge CB3 7SX (GB).

(74) BENNETT, Adrian, Robert, James et al. / etc.; AA Thornton & Co, 235 High Holborn, London WC1V 7LE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F28C 3/06

(11) WO 2004/090447 (13) A1

(21) PCT/EP2004/001879

(22) 25 Feb/fév 2004 (25.02.2004)

(25) de (26) de

(30) 103 16 874.5 11 Apr/avr 2003 DE (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR SUDDENLY COOLING HIGH-TEMPERATURE GAS

• PROCEDE DE REFROIDISSEMENT ULTRARAPIDE DE GAZ HAUTE TEMPERATURE

(71) THERMOSELECT AG [LI/LI]; Meierhofstrasse 2, FL-9490 Vaduz (LI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KISS, Günter, H. [DE/CH]; Via Rivapiana, 18, CH-6648 Minusio (CH).

(74) PFENNING, MEINIG & PARTNER GBR; Mozartstrasse 17, 80336 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F28D 1/00

(11) WO 2004/090448 (13) A2

(21) PCT/FR2004/000804

(22) 31 Mar/mar 2004 (31.03.2004)

(25) fr (26) fr

(30) 03/03962 31 Mar/mar 2003 FR (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HEAT EXCHANGE MODULE WITH OPTIMISED OPERATION PARTICULARLY FOR A MOTOR VEHICLE

• MODULE D'ÉCHANGE DE CHALEUR, A FONCTIONNEMENT OPTIMISÉ, NOTAMMENT POUR VÉHICULE AUTOMOBILE

(71) VALEO THERMIQUE MOTEUR [FR/FR]; 8 rue Louis Lormand, F-78320 La Verrière (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIONDET, Christian [FR/FR]; 21 rue de la libération, F-51110 Bourgogne (FR). GARRET, Paul [FR/FR]; 5 Esplanade Le Rouet, F-51100 Reims (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F28D 1/053, F28F 9/02

(11) WO 2004/090449 (13) A1

(21) PCT/IT2004/000180

(22) 6 Apr/avr 2004 (06.04.2004)

(25) it (26) en

(30) MC2003A000037 8 Apr/avr 2003 IT (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PRODUCTION PROCESS FOR BATHROOM HOT WATER RADIATORS

• PROCEDE DE PRODUCTION DE RADIATEURS A EAU CHAUDE POUR SALLE DE BAIN

(71) LAMINOX S.R.L. [IT/IT]; 261/263, Zona Industriale Callarella, I-62028 Sarnano (MC) (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARRA^a, Giuseppe** [IT/IT]; 50, Via Giacomo Puccini, I-062028 Sarnano (IT).

(74) **BALDI, Claudio**; Viale Cavallotti 13, I-60035 Jesi (AN) (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ **F28D 9/00, F28F 9/22**

(11) **WO 2004/090450** (13) A1

(21) PCT/FI2004/000222

(22) **8 Apr/avr 2004 (08.04.2004)**

(25) fi (26) en

(30) 20030527 **8 Apr/avr 2003** FI
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PLATE HEAT EXCHANGER AND FLOW GUIDE PLATE

• ECHANGEUR DE CHALEUR A PLAQUES ET PLAQUE DE GUIDAGE DU FLUX

(71) **VAHTERUS OY** [FI/FI]; Pruukintie 7, FI-23600 Kalanti (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAUREN, Kari** [FI/FI]; Urheilutie 1 A a 8, FI-23800 Laitila (FI). **SUOMINEN, Juha** [FI/FI]; Kytämäenraitti 32, FI-23500 Uusikaupunki (FI). **KONTU, Mauri** [FI/FI]; Vahteruksenraitti 22, FI-23600 Kalanti (FI).

(74) **TURUN PATENTTITOIMISTO OY**; P.O. Box 99, FI-20521 Turku (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F28D 21/00, F28F 21/04, 9/02 // 7/02, 27/02**

(11) **WO 2004/090451** (13) A1

(21) PCT/NO2004/000080

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 20031710 **11 Apr/avr 2003** NO
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND EQUIPMENT FOR DISTRIBUTION OF TWO FLUIDS INTO AND OUT OF THE CHANNELS IN A MULTI-CHANNEL MONOLITHIC STRUCTURE AND USE THEREOF

• PROCEDE ET EQUIPEMENT POUR LA DISTRIBUTION DE DEUX FLUIDES DANS ET HORS DE CANAUX DANS UNE STRUCTURE MONOLITHIQUE DE CANAUX MULTIPLES ET SON UTILISATION

(71) **NORSK HYDRO ASA** [NO/NO]; N-0240 Oslo (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRUUN, Tor** [NO/NO]; Tellusveien 17, N-3942 Skelvik (NO). **WERSWICK, Bjørnar** [NO/NO]; Barlinkroken 1c, N-3970 Langesund (NO).

(74) **JOHNSEN, Venche Høines**; Norsk Hydro ASA, N-0240 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F28F**

(11) **WO 2004/090452** (13) A2

(21) PCT/CA2004/000541

(22) **8 Apr/avr 2004 (08.04.2004)**

(25) en (26) en

(30) 2,425,233 **11 Apr/avr 2003** CA
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HEAT EXCHANGER WITH FLOW CIRCULATING END CAPS

• ECHANGEUR THERMIQUE AVEC EMBOUTS DE CIRCUIT

(71) **DANA CANADA CORPORATION** [CA/CA]; 656 Kerr Street, Oakville, Ontario L6K 3E4 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEILER, Thomas F.** [CA/CA]; 9707 Highway 25, Milton, Ontario L9T 2X7 (CA).

KISTNER, Matthias [DE/FR]; 342 Rue Marais Chevoeux, F-60640 Muirancourt (FR).

(74) **RIDOUT & MAYBEE LLP**; One Queen Street East, Suite 2400, Toronto, Ontario M5C 3B1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F28F 9/00**

(11) **WO 2004/090453** (13) A1

(21) PCT/EP2004/003605

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) de (26) de

(30) 103 15 887.1 **8 Apr/avr 2003** DE
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HEAT EXCHANGER PROVIDED WITH FIXING ELEMENTS, IN PARTICULAR IN A VEHICLE

• ECHANGEUR THERMIQUE PRESENTANT DES ELEMENTS DE FIXATION NOTAMMENT DANS UN VEHICULE

(71) **BEHR GMBH & CO. KG** [DE/DE]; Intellectual Property, G-IP, Mauerstrasse 3, 70469 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRAIC, Viorel** [DE/DE]; Halteiweg 10b, 70565 Stuttgart (DE). **SCHEMBERA, Adolf** [DE/DE]; Hauptstrasse 9, 73113 Ottenbach (DE). **BECKER, Dirk** [DE/DE]; Weingartenstrasse 37, 75391 Gechingen (DE). **BITNER, Stephan** [DE/DE]; Friedhofstrasse 34, 70771 Leinfelden-Echterdingen (DE). **ZIMMERMANN, Ralf** [DE/DE]; Österfeldstrasse 36, 70563 Stuttgart (DE).

(74) **BEHR GMBH & CO. KG**; Intellectual Property, G-IP, Mauerstrasse 3, 70469 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F28F 9/02, F28D 1/053

(11) WO 2004/090454 (13) A1

(21) PCT/EP2004/002967

(22) 22 Mar/mar 2004 (22.03.2004)

(25) de (26) de

(30) 103 16 756.0 10 Apr/avr 2003 DE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HEAT EXCHANGER, ESPECIALLY A CHARGE-AIR COOLER FOR MOTOR VEHICLES

• ECHANGEUR THERMIQUE, EN PARTICULIER REFROIDISSEUR D'AIR DE SURALIMENTATION POUR VEHICULES AUTOMOBILES

(71) BEHR GMBH & CO. KG [DE/DE]; Mauerstrasse 3, 70469 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EMRICH, Karsten [DE/DE]; Gutenbergstrasse 97, 70197 Stuttgart (DE). WEISE, Stefan [DE/DE]; Kyffhäuser Strasse 50, 70469 Stuttgart (DE).

(74) BEHR GMBH & CO. KG; Intellectual Property, G-IP, Mauerstrasse 3, 70469 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F28F 9/02, 21/06, F02B 29/04

(11) WO 2004/090455 (13) A1

(21) PCT/EP2004/002968

(22) 22 Mar/mar 2004 (22.03.2004)

(25) de (26) de

(30) 103 16 754.4 10 Apr/avr 2003 DE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COLLECTING TANK, HEAT EXCHANGER, AND METHOD FOR PRODUCING A COLLECTING TANK

• RESERVOIR ACCUMULATEUR, ECHANGEUR THERMIQUE ET PROCEDE POUR REALISER UN RESERVOIR ACCUMULATEUR

(71) BEHR GMBH & CO. KG [DE/DE]; Mauerstrasse 3, 70469 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KÄMMLER, Georg [DE/DE]; Nobilweg 11b, 70439 Stuttgart (DE).

(74) BEHR GMBH & CO. KG; Intellectual Property, G-IP, Mauerstrasse 3, 70469 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F28F 9/04

(11) WO 2004/090456 (13) A1

(21) PCT/IB2004/001213

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 03/04639 14 Apr/avr 2003 FR (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COMPACT VEHICLE RADIATOR

• RADIATEUR DE CHAUFFAGE D'ENCOMBREMENT REDUIT POUR VEHICULE

(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) VINCENT, Philippe [FR/FR]; 9, rue des Piqueurs de Grès, F-28230 Epernon (FR). CARTON, Thomas [FR/FR]; 2 Place de Bretagne, F-78310 Maurepas (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F28F 21/06, 9/02

(11) WO 2004/090457 (13) A1

(21) PCT/EP2004/003681

(22) 6 Apr/avr 2004 (06.04.2004)

(25) de (26) de

(30) 103 16 755.2 10 Apr/avr 2003 DE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COLLECTING TANK AND HEAT EXCHANGER

• COLLECTEUR ET ECHANGEUR DE CHALEUR

(71) BEHR GMBH & CO. KG [DE/DE]; Mauerstrasse 3, 70469 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KÄMMLER, Georg [DE/DE]; Nobilweg 11b, 70439 Stuttgart (DE).

(74) BEHR GMBH & CO. KG; Intellectual Property, G-IP, Mauerstrasse 3, 70469 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F28F 23/00, F25B 17/08, C09K 5/08, B01J 20/08, B01D 53/28

(11) WO 2004/090458 (13) A1

(21) PCT/JP2004/001867

(22) 19 Feb/fév 2004 (19.02.2004)

(25) ja (26) ja

(30) 2003-097629 1 Apr/avr 2003 JP (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ADSORBENT FOR ADSORPTION HEAT PUMP, ADSORBENT FOR MOISTURE REGULATING CONDITIONER, ADSORPTION HEAT PUMP AND MOISTURE REGULATING CONDITIONER

• ADSORBANT POUR POMPE A CHALEUR A ADSORPTION, ADSORBANT POUR CONDITIONNEUR DE REGULATION D'HUMIDITE, POMPE A CHALEUR A ADSORPTION ET CONDITIONNEUR DE REGULATION D'HUMIDITE

(71) MITSUBISHI CHEMICAL CORPORATION [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo 1080014 (JP). KAKIUCHI,

- Hiroyuki [JP/JP];** c/o Mitsubishi Chemical Group Science And Technology Research Center, Inc., 1, Toho-cho, Yokkaichi-shi, Mie 5108530 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKEWAKI, Takahiko [JP/JP];** c/o Mitsubishi Chemical Group Science And Technology Research Center, Inc., 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 2278502 (JP). **YAMAZAKI, Masanori [JP/JP];** c/o Mitsubishi Chemical Group Science And Technology Research Center, Inc., 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 2278502 (JP). **WATANABE, Hiromu [JP/JP];** c/o Mitsubishi Chemical Group Science And Technology Research Center, Inc., 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 2278502 (JP). **KANAMORI, Eri [JP/JP];** c/o Mitsubishi Chemical Group Science And Technology Research Center, Inc., 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 2278502 (JP). **TERADA, Shigeru [JP/JP];** c/o Mitsubishi Chemical Group Science And Technology Research Center, Inc., 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 2278502 (JP). **IWADE, Miki [JP/JP];** c/o Mitsubishi Chemical Group Science And Technology Research Center, Inc., 10, Ushiodori 3-chome, Kurashiki-shi, Okayama 7128054 (JP).
- (74) **OKADA, Kazuhiko;** Okada & Associates, 6F, Kudan Kangyo Bldg., 10-1, Kudan-kita 1-chome, Chiyoda-ku, Tokyo 1020073 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F41A 23/00, F41H 11/02**
(11) **WO 2004/090459** (13) A1
(21) PCT/UA2003/000028
(22) **19 Aug/août 2003 (19.08.2003)**
(25) en (26) en
(30) 2003043140 **8 Apr/avr 2003 UA (08.04.2003)**
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • ACTIVE PROTECTION SYSTEM
• SYSTEME DE PROTECTION ACTIVE
(71, 72) **SHUMOV, Serhiy Oleksandrovych [UA/UA];** Chervonozoryany Avenue, 9/1-34, Kiev, 03037 (UA).
(72, 75) **KHYTRYK, Vasyl Onyphriyovych [UA/UA];** ul. Dovnar-Zapolskogo, 9-29, Kiev, 04050 (UA). **MEDVYD, Volodymyr Stanislavovych [UA/UA];** Chervonozoryany Avenue, 18-37, Kiev, 03037 (UA). **POY-HYNA, Maryanna Ivanyvna [UA/UA];** ul. Antonovycha, 23-15, Kiev, 01004 (UA).
- (74) **GAVRYLENKO, Oleksandr Petrovych;** ul. Druzhby Narodiv, 25-73, Kiev, 01113 (UA).
(81) CA DE GB IL US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ **F41B 3/02**
(11) **WO 2004/090460** (13) A1
(21) PCT/US2004/010283
(22) **2 Apr/avr 2004 (02.04.2004)**
(25) en (26) en
(30) 60/460,122 **4 Apr/avr 2003 US (04.04.2003)**
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • BASEBALL TRAINING METHOD AND DEVICE THEREFOR
• PROCEDE D'ENTRAINEMENT POUR BASEBALL ET DISPOSITIF CORRESPONDANT
(71, 72) **GEE, Donald [US/US];** 7278 Margerum Avenue, San Diego, CA (US).
(74) **STEINS, Karl, M.;** Steins & Associates, P.C., 2333 Camino del Rio South, Suite 120, San Diego, CA 92108 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F41B 15/02, F21L 4/00, A63B 15/02, B25G 3/20**
(11) **WO 2004/090461** (13) A1
(21) PCT/AU2004/000445
(22) **6 Apr/avr 2004 (06.04.2004)**
(25) en (26) en
(30) 60/461,408 **10 Apr/avr 2003 US (10.04.2003)**
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • HANDLE ATTACHMENT FOR FLASH-LIGHT TO FORM BATON
• POIGNEE A FIXER SUR UNE LAMPE-TORCHE AUX FINS DE FORMATION D'UNE MATRAQUE
(71) **GLOBAL INNOVATIONS N.W.O. PTY LTD [AU/AU];** Garden Street, Koroit, Victoria 3282 (AU).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CURREN, Rodney [AU/AU];** 43 The Court, Leopold, Geelong, Victoria 3226 (AU). **LANE, John, Dennis [AU/AU];** 18 Glyn Street, Belmont, Victoria 3216 (AU). **LANE, Peter, Leo [AU/AU];** Garden Street, Koroit, Victoria 3282 (AU). **PARKER, Stephen, James [AU/AU];** 3 Dunlea Court, Warrnambool, Victoria 3280 (AU).
(74) **GRIFFITH HACK;** Level 3, 509 St Kilda Road, Melbourne, Victoria 3004 (AU).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
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- (51)⁷ **F41B 15/02**
(11) **WO 2004/090462** (13) A1
(21) PCT/SE2004/000552
(22) **7 Apr/avr 2004 (07.04.2004)**
(25) en (26) en
(30) 0301059-2 **8 Apr/avr 2003 SE (08.04.2003)**
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • PROTECTIVE FRAME
• CADRE PROTECTEUR
(71, 72) **CLAUSÉN, Daniel [SE/SE];** c/o Neuman, Ernst Kristenssons gata 12 A, S-416 58 Göteborg (SE).
(74) **STRÖM & GULLIKSSON IP AB;** Lindholmospiren 5, S-417 56 Göteborg (SE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F41C 33/02**
(11) **WO 2004/090463** (13) A1
(21) PCT/IT2004/000186
(22) **8 Apr/avr 2004 (08.04.2004)**
(25) it (26) en

- (30) BA2003 U 000003 **10 Apr/avr 2003** IT
(10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • HOLSTER
• ETUI
- (71, 72) **BIZZO, Leonardo** [IT/IT]; Via Professor Scalera, 32, I-70028 Sannicandro (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 7/04**
- (11) **WO 2004/090464** (13) A1
- (21) PCT/CA2004/000503
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) en (26) en
- (30) 60/460,396 **7 Apr/avr 2003** US
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MEDIUM DENSITY BRONZE SHOT
• PROJECTILE EN BRONZE DE DENSITE MOYENNE
- (71) **INTERNATIONAL NON-TOXIC COMPOSITES CORPORATION** [CA/CA]; 157 Nichol Road, R.R. #2, Baltimore, Ontario K0K 1C0 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ELLIOTT, Kenneth, H.** [CA/CA]; 157 Nichol Road, R. R. #2, Baltimore, Ontario K0K 1C0 (CA).
- (74) **ANISSIMOFF & ASSOCIATES**; Richmond North Office Centre, Suite 201, 235 North Centre Road, London, Ontario N5X 4E7 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ **G01B**
- (11) **WO 2004/090465** (13) A2
- (21) PCT/US2004/010031
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) en (26) en
- (30) 60/459,425 **1 Apr/avr 2003** US
(01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • APPARATUS AND METHOD FOR JOINT MEASUREMENT OF FIELDS OF SCATTERED/REFLECTED OR TRANSMITTED ORTHOGONALLY POLARIZED BEAMS BY AN OBJECT IN INTERFEROMETRY
• APPAREIL ET PROCÉDE PERMETTANT LA MESURE CONJOINTE DE CHAMPS DE FAISCEAUX POLARISES, DIFFUSES/REFLECHIS OU TRANSMIS ORTHOGONALEMENT PAR UN OBJET, EN INTERFEROMETRIE
- (71) **ZETETIC INSTITUTE** [US/US]; 1665 E. 18th Street, Suite 206, Tucson, AZ 85719 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HILL, Henry, Allen** [US/US]; 1665 E. 18th Street, Suite 206, Tucson, AZ 85719 (US).
- (74) **PRAHL, Eric, L. et al. / etc.**; Hale & Dorr LLP, 60 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01B**
- (11) **WO 2004/090466** (13) A2
- (21) PCT/US2004/009984
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) en (26) en
- (30) 60/460,129 **3 Apr/avr 2003** US
(03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • APPARATUS AND METHOD FOR MEASUREMENT OF FIELDS OF BACKSCATTERED AND FORWARD SCATTERED/REFLECTED BEAMS BY AN OBJECT IN INTERFEROMETRY
• APPAREIL ET PROCÉDE DE MESURE DE CHAMPS DE FAISCEAUX RETRODIFFUSES ET DIFFUSES VERS L'AVANT/REFLECHIS PAR UN OBJET EN INTERFEROMETRIE
- (71) **ZETETIC INSTITUTE** [US/US]; 1665 E. 18th Street, Suite 206, Tucson, AZ 85719 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HILL, Henry, Allen** [US/US]; 1665 E. 18th Street, Suite 206, Tucson, AZ 85719 (US).
- (74) **PRAHL, Eric, L. et al. / etc.**; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Declaration / Déclaration :
(u) for / pour US only / seulement

- (51)⁷ G01B 7/30, 7/315
 (11) WO 2004/090468 (13) A2
 (21) PCT/US2004/010213
 (22) 2 Apr/avr 2004 (02.04.2004)
 (25) en (26) en
 (30) 60/459,998 4 Apr/avr 2003 US (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SENSING STEERING AXIS INCLINATION AND CAMBER WITH AN ACCELEROMETER
 • DETECTION D'INCLINAISON D'AXE DE PIVOTEMENT ET DE CARROSSAGE AVEC UN ACCELEROMETRE
- (71) SNAP-ON INCORPORATED [US/US]; 10801 Corporate Drive, Pleasant Prairie, WI 53158 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRYAN, Eric, F. [US/US]; 1704 Mill Street, Conway, AR 72034 (US).
- (74) BECKER, Stephen, A. et al. / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01C 19/56
 (11) WO 2004/090470 (13) A1
 (21) PCT/EP2004/003247
 (22) 26 Mar/mar 2004 (26.03.2004)
 (25) de (26) de
 (30) 103 17 159.2 14 Apr/avr 2003 DE (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR COMPENSATING A ZERO-POINT ERROR IN A VIBRATORY GYROSCOPE
 • PROCEDE POUR COMPENSER UNE DEVIATION RESIDUELLE DANS UN GYROSCOPE VIBRANT
- (71) LITEF GMBH [DE/DE]; Lörracher Strasse 18, 79115 Freiburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHRÖDER, Werner [DE/DE]; Büssagestrasse 14, 77955 Ettenheim (DE).
- (74) MÜLLER, Frithjof, E.; Müller-Hoffmann & Partner, Innere Wiener Strasse 17, 81667 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01C 9/26, G01B 3/10
 (11) WO 2004/090469 (13) A1
 (21) PCT/EP2003/009115
 (22) 18 Aug/août 2003 (18.08.2003)
 (25) de (26) de
 (30) 103 16 486.3 9 Apr/avr 2003 DE (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • BUBBLE LEVEL
 • NIVEAU A BULLE D'AIR
- (71, 72) HARNISCHMACHER, Gerd [DE/ES]; Antonio Calafell 61 B Casa, E-07150 Andratx Illes Balears (ES). HARNISCHMACHER, Beate [DE/ES]; Antonio Calafell 61 B Casa, e-07150 Andratx Illes Balears (ES).
- (74) SCHNEIDERS & BEHRENDT; Huesstrasse 23, 44787 Bochum (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM
-
- (51)⁷ G01C 19/56, 25/00
 (11) WO 2004/090471 (13) A1
 (21) PCT/EP2004/003248
 (22) 26 Mar/mar 2004 (26.03.2004)
 (25) de (26) de
 (30) 103 17 158.4 14 Apr/avr 2003 DE (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR DETERMINING A ZERO-POINT ERROR IN A VIBRATORY GYROSCOPE
 • PROCEDE POUR DETERMINER UNE DEVIATION RESIDUELLE DANS UN GYROSCOPE VIBRANT
- (71) LITEF GMBH [DE/DE]; Lörracher Str. 18, 79115 Freiburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHRÖDER, Werner [DE/DE]; Büssagestr. 14, 77955 Ettenheim (DE).
- (74) MÜLLER, Frithjof, E.; Müller-Hoffmann & Partner, Innere Wiener Strasse 17, 81667 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
- (51) G01C 21/34
 (11) WO 2004/090472 (13) A1
 (21) PCT/JP2004/004795
 (22) 1 Apr/avr 2004 (01.04.2004)
 (25) ja (26) ja
 (30) 2003-100761 3 Apr/avr 2003 JP (03.04.2003)
 (30) 2003-124961 30 Apr/avr 2003 JP (30.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • NAVIGATION DEVICE, NAVIGATION METHOD, ROUTE DATA GENERATION PROGRAM, RECORDING MEDIUM CONTAINING ROUTE DATA GENERATION PROGRAM, AND SERVER DEVICE IN NAVIGATION SYSTEM
 • DISPOSITIF DE NAVIGATION, PROCEDE DE NAVIGATION, PROGRAMME DE GENERATION DE DONNEES DE ROUTE, SUPPORT D'ENREGISTREMENT CONTENANT UN PROGRAMME DE GENERATION DE DONNEES DE ROUTE, ET SERVEUR D'UN SYSTEME DE NAVIGATION
- (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) ICHIHARA, Naohiko [JP/JP]; c/o Pioneer Corporation, Sougou Kenkyusho, 1-1, Fujimi 6-chome, Tsurugashima-shi, Saitama 350-2201 (JP). SUGIE, Shinichi [JP/JP]; c/o Pioneer Corporation, Sougou Kenkyusho, 1-1, Fujimi 6-chome, Tsurugashima-shi, Saitama 350-2201 (JP). YAMAZAKI, Osamu [JP/JP]; c/o Pioneer Corporation, Sougou Kenkyusho, 1-1, Fujimi 6-chome, Tsurugashima-shi, Saitama 350-2201 (JP). INOUE, Hiroto [JP/JP]; c/o Pioneer Corporation, Sougou Kenkyusho, 1-1, Fujimi 6-chome, Tsurugashima-shi, Saitama 350-2201 (JP). SUDA, Hiroyuki [JP/JP]; c/o Pioneer Corporation, 25-1, Aza Nishicho, Yamada, Kawagoe-shi, Saitama 350-8555 (JP). YAMASHITA, Motoyuki [JP/JP]; c/o Pioneer Corporation, Head Office, 4-1, Meguro 1-chome, Meguro-ku,

- Tokyo 153-8654 (JP). **SHIODA, Takehiko** [JP/JP]; c/o Pioneer Corporation, Sougou Kenkyusho, 1-1, Fujimi 6-chome, Tsurugashima-shi, Saitama 350-2201 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01C 22/02, G01P 3/50**
- (11) **WO 2004/090473** (13) A1
- (21) PCT/SE2004/000444
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) sv (26) en
- (30) 0301092-3 **14 Apr/avr 2003 SE (14.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ARRANGEMENT AND METHOD TO ESTIMATE THE VELOCITY OF A VEHICLE WITH A CORRECTED RADIUS OF A WHEEL
- DISPOSITIF ET PROCEDE PERMETTANT D'ESTIMER LA VITESSE D'UN VEHICULE A L'AIDE D'UN RAYON CORRIGE DE LA ROUE
- (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) **GUSTAVSSON, Anders** [SE/SE]; Löfstalundvägen 5 B, S-151 39 Södertälje (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01C 23/00, G05D 1/06**
- (11) **WO 2004/090474** (13) A1
- (21) PCT/US2004/010025
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) en (26) en
- (30) 10/406,692 **2 Apr/avr 2003 US (02.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • LOW SPEED RANGE INDICATOR
- INDICATEUR BASSES VITESSES
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GAIDELIS, John, A.** [US/US]; 6822 W. Marco Polo Road, Glendale, AZ 85308 (US). **WYATT, Ivan, S.** [US/US]; 6019 East Marconi Avenue, Scottsdale, AZ 85254 (US). **TUNHEIM, David, A.** [US/US]; 25680 N. 82nd Street, Scottsdale, AZ 85255 (US). **ODGERS, Robert, C.** [US/US]; 12805 W. Denton Avenue, Litchfield Park, AZ 85340 (US). **NYGAARD, Clarence, D.** [US/US]; 20435 N. 39th Drive, Glendale, AZ 85308 (US). **LEARD, Thomas, M.** [US/US]; 36832 N. Romping Road P.O. Box 3063, Carefree, AZ 85377 (US). **ENGELS, Jary, E.** [US/US]; 13369 N. 71st Drive, Peoria, AZ 85377 (US). **FRAZIER, Thomas, G.** [US/US]; 5233 E. Angela Drive, Scottsdale, AZ 85254 (US).
- (74) **HOIRIIS, David** et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **G01F 1/00**
- (11) **WO 2004/090475** (13) A2
- (21) PCT/GB2004/001618
- (22) **14 Apr/avr 2004 (14.04.2004)**
- (25) en (26) en
- (30) 0308446.4 **14 Apr/avr 2003 GB (14.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MAGNETIC FLOW TRANSDUCER AND FLOW METER INCORPORATING THE SAME
- TRANSDUCTEUR MAGNETIQUE ET DEBITMETRE L'INCORPORANT
- (71) **SENTEC LIMITED** [GB/GB]; Brunswick House, 61-69 Newmarket Road, Cambridge CB5 8EG (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GLAUSER, Antony, Robert** [GB/GB]; Sentec Limited, Brunswick House, 61-69 Newmarket Road, Cambridge CB5 8EG (GB). **KNILL, Alexander, Charles** [GB/GB]; Sentec Limited, Brunswick House, 61-69 Newmarket Road, Cambridge CB5 8EG (GB).
- (74) **MAGUIRE BOSS**; 5 Crown Street, St. Ives, Cambridgeshire PE27 5EB (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G01F 1/68, 1/00**
- (11) **WO 2004/090476** (13) A1
- (21) PCT/JP2004/003825
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) ja (26) ja
- (30) 2003-101742 **4 Apr/avr 2003 JP (04.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FLOW RATE-MEASURING DEVICE
- DISPOSITIF DE MESURE DE LA VITESSE D'ECOULEMENT
- (71) **OMRON CORPORATION** [JP/JP]; 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto, 6008530 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUJIWARA, Toshimitsu** [JP/JP]; c/o OMRON CORPORATION, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto, 6008530 (JP). **NOZOE, Satoshi** [JP/JP]; c/o OMRON CORPORATION, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto, 6008530 (JP). **KURIBAYASHI, Hidenari** [JP/JP]; c/o OMRON CORPORATION, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto, 6008530 (JP).
- (74) **KAWAMIYA, Osamu** et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5400001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01F 1/704, 1/64

(11) WO 2004/090477 (13) A1

(21) PCT/AT2004/000123

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) A 562/2003 10 Apr/avr 2003 AT
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE FOR MEASURING THE
FLOW VELOCITY OF A MASS FLOW

• DISPOSITIF DE MESURE DE LA
VITESSE D'ÉCOULEMENT D'UNE
MASSE FLUIDE

(71, 72) BRASSEUR, Georg [AT/AT]; Elss-
lergasse 20, A-1130 Wien (AT). FUCHS,
Anton [AT/AT]; Keplerstrasse 85, A-8020
Graz (AT).

(74) PATENTANWALTSKANZLEI
MATSCHNIG; Siebensterngasse 54,
A-1071 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ G01F 15/14, 1/684, A62C 2/06

(11) WO 2004/090478 (13) A1

(21) PCT/CH2003/000233

(22) 10 Apr/avr 2003 (10.04.2003)

(25) de (26) de

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • GAS-METER PROVIDED WITH A
FIRE-RESISTANT HOUSING

• COMPTEUR A GAZ COMPRENANT
UN BOITIER RESISTANT AU FEU

(71) ABB RESEARCH LTD [CH/CH]; Af-
folternstr. 52, CH-8050 Zürich (CH).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MATTER, Daniel [CH/CH]; Reb-
moosweg 29a, CH-5200 Brugg (CH).
KLEINER, Thomas [CH/CH]; Steinäck-
erstrasse 5 c, CH-5442 Fislisbach (CH).
JUELKE, Elias [NO/CH]; Kornstrasse 5,
CH-5430 Wethingen (CH). KRAMER, Beat
[CH/CH]; Bühlweg 14B, CH-5210 Windisch
(CH).

(74) ABB SCHWEIZ AG; Intellectual Prop-
erty (CH-LC/IP), Brown Boveri Strasse 6,
CH-5400 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 NA NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G01F 15/18, 1/40, G01P 1/02

(11) WO 2004/090479 (13) A1

(21) PCT/GB2004/001573

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 0307935.7 7 Apr/avr 2003 GB
(07.04.2003)

(30) 0322188.4 23 Sep/sep 2003 GB
(23.09.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AIR CAPTURE DEVICE FOR FLOW
MEASUREMENT

• DISPOSITIF DE CAPTURE D'AIR
POUR LA MESURE DE DEBIT

(71) SWIFT COMMISSIONING LIMITED
[US/US]; 6 Hale Low Road, Hale, Cheshire
WA15 8BD (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GIBBONS, Gary [GB/GB]; 6 Hale Low
Road, Hale, Cheshire WA15 8BD (GB).

(74) GRAVES, Ronald; 24 Fitzwilliam Avenue,
Sutton, Macclesfield, Cheshire SK11 0EJ
(GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01F 23/284

(11) WO 2004/090480 (13) A2

(21) PCT/EP2004/003719

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) 103 16 299.2 8 Apr/avr 2003 DE
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MEASURING APPARATUS FOR DE-
TERMINING AND/OR MONITORING
A PROCESS PARAMETER

• APPAREIL DE MESURE SERVANT A
DETERMINER ET/OU SURVEILLER
UNE GRANDEUR DE PROCESSUS

(71) ENDRESS+HAUSER GMBH+CO. KG
[DE/DE]; Hauptstrasse 1, 79689 Maulburg
(DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) VAHID-YOUSEFNIA, Amir [DE/DE];
Hermann-Burte-Strasse 35, 79585 Steinen
(DE).

(74) ANDRES, Angelika; c/o Endress + Hauser
(DE) Holding GmbH, PatServe, Colmarer
Strasse 6, 79576 Weil am Rhein (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01G 19/387, 19/30

(11) WO 2004/090481 (13) A1

(21) PCT/DK2004/000228

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/461,124 9 Apr/avr 2003 US
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A SYSTEM FOR PRODUCING PACK-
AGES OF ITEMS OF A PREDETER-
MINED WEIGHT

• SYSTEME DE PRODUCTION
D'EMBALLAGES D'ARTICLES D'UN
POIDS PREDETERMINE

(71) SCANVÆGT INTERNATIONAL A/S
[DK/DK]; P.O. Pedersens Vej 18, DK-8200
Århus N (DK).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JENSEN, Svend, Bækhoj; Skæring
Sandager 133, DK-8250 Egå (DK).

(74) PATENTGRUPPEN APS; Arosgaarden,
Aaboulevarden 31, DK-8000 Aarhus C (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G01G 19/414, 19/50, A61B 5/22

(11) WO 2004/090482 (13) A1

(21) PCT/EP2004/003560

(22) 3 Apr/avr 2004 (03.04.2004)

(25) de (26) de

(30) 103 16 432.4 8 Apr/avr 2003 DE
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE FOR WEIGHT CONTROL

• DISPOSITIF POUR LE CONTROLE DU
POIDS

(71) XYBERMIND GMBH [DE/DE]; Loretto-
platz 26, 70272 Tübingen (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LÖSCHINGER, Jürgen [DE/DE];
Fürststrasse 49, 72072 Tübingen (DE).

(74) GLEISS, Alf-Olav et al. / etc.; Gleiss &
Grosse, Leitzstrasse 45, 70469 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01G 23/01, 11/00

(11) WO 2004/090483 (13) A1

(21) PCT/JP2004/004372

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-098841 2 Apr/avr 2003 JP
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • WEIGHT DETECTING DEVICE

• DISPOSITIF DE DETECTION DE
POIDS

(71) ISHIDA CO., LTD. [JP/JP]; 44, Sanno-cho,
Shogoin, Sakyo-ku, Kyoto-shi, Kyoto 606-
8392 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WAKASA, Yukio [JP/JP]; c/o Ishida
Co., Ltd., Shiga Integrated Facility, 959-1,
Shimomagari, Ritto-shi, Shiga 520-3026
(JP).

(74) ONO, Yukio et al. / etc.; Shinjyu Global
IP, 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
BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01H

(11) WO 2004/090484 (13) A2

(21) PCT/IL2004/000172

(22) 23 Feb/fév 2004 (23.02.2004)

(25) en (26) en

(30) 155329 9 Apr/avr 2003 IL
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ULTRASONIC PROBING DEVICE
WITH DISTRIBUTED SENSING ELE-
MENTS

• DISPOSITIF DE DETECTION PAR UL-
TRASON AVEC DES ELEMENTS DE
DETECTION REPARTIS

(71) BIOSCAN LTD. [IL/IL]; P.O.Box 281,
20692 Yokneam Eilith (IL).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) AHARONI, Rami [IL/IL]; 24/b Hes
Street, IL-76346 Rehovot (IL). MATCOV-
ITCH, Avram [IL/IL]; 26/1 Harov st., 36458
Nesher (IL).

(74) MILLER-SIERADZKI ADVOCATES &
PATENT ATTORNEYS; P.O. Box 6145,
31061 Haifa (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ G01H

(11) WO 2004/090485 (13) A2

(21) PCT/US2004/010423

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,542 3 Apr/avr 2003 US
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND APPARATUS FOR
REAL-TIME VIBRATION IMAGING

• PROCEDE ET APPAREIL D'IMAGERIE
DE VIBRATION EN TEMPS REEL

(71) SRI INTERNATIONAL [US/US]; 333
Ravenswood Avenue, Menlo Park, CA 94025
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MELESE, Philip [US/US]; 674
Arastradero Road, Palo Alto, CA 94306
(US). BROWN, Robert, A. [US/US]; 3321
Thomas Drive, Palo Alto, CA 94303 (US).
HONEY, Richard, C. [US/US]; 1801 Park-
wood Drive, San Mateo, CA 94403 (US).
AGUERO, Victor [US/US]; 17269 Debbie
Road, Los Gatos, CA 95055 (US).

(74) HALLUIN, Albert, P. et al. / etc.; Howrey
Simon Arnold & White, 310 Ravenswood Av-
enue, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01H 1/00

(11) WO 2004/090486 (13) A1

(21) PCT/GB2004/001575

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 0308467.0 11 Apr/avr 2003 GB
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND SYSTEM FOR
ANALYSING TACHOMETER AND
VIBRATION DATA FROM AN AP-
PARATUS HAVING ONE OR MORE
ROTARY COMPONENTS

• PROCEDE ET SYSTEME POUR
L'ANALYSE DE DONNEES DE TA-
CHOMETRE ET DE VIBRATIONS EN
PROVENANCE D'UN APPAREIL COM-
PORTANT UN OU DES COMPOSANTS
ROTATIFS

(71) OXFORD BIOSIGNALS LIMITED
[GB/GB]; Magdalen Centre, Oxford Science
Park, Oxford, Oxfordshire OX4 4GA (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KING, Dennis [GB/GB]; 94 Western
Road, Mickleover, Derby, Derbyshire DE3
5GQ (GB). ASTLEY, Ken [GB/GB]; 50
West Road, Spondon, Derby, Derbyshire
DE21 7AB (GB). TARASSENKO, Lionel
[GB/GB]; 68 Old Road, Headington, Oxford,
Oxfordshire OX3 7LP (GB). ANUZIS, Paul
[GB/GB]; 86 Locko Road, Spondon, Derby,
Derbyshire DE21 7AQ (GB). HAYTON,
Paul [GB/GB]; 1 Langford Cottages, London
Road, Bicester, Oxfordshire OX6 0JN (GB).
KING, Stephen [GB/GB]; 30 Willow Drive,
Newhall, Swadlincote, Derbyshire DE11
0NW (GB).

(74) GILL, Stephen et al. / etc.; Mewburn Ellis LLP, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01J 1/02, 1/42, G02F 1/13, G09G 5/00, 5/10, H01L 27/14, 31/10, H04M 1/02, H05B 33/14

(11) WO 2004/090487 (13) A1

(21) PCT/JP2004/003544

(22) 17 Mar/mar 2004 (17.03.2004)

(25) ja (26) ja

(30) 2003-086247 26 Mar/mar 2003 JP (26.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OPTICAL SENSOR FOR DETECTING LIGHT BEAMS COMING FROM MULTIPLE DIRECTIONS, MOBILE COMMUNICATION DEVICE, AND DISPLAY METHOD

• CAPTEUR OPTIQUE DESTINE A DETECTER DES FAISCEAUX LUMINEUX PROVENANT DE PLUSIEURS DIRECTIONS, DISPOSITIF DE COMMUNICATION MOBILE ET PROCEDE D'AFFICHAGE

(71) SEMICONDUCTOR ENERGY LABORATORY CO., LTD. [JP/JP]; 398, Hase, Atsugi-shi, Kanagawa 2430036 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NISHI, Kazuo [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase, Atsugi-shi, Kanagawa 2430036 (JP). YAMAZAKI, Yu [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase, Atsugi-shi, Kanagawa 2430036 (JP). IWABUCHI, Tomoyuki [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase, Atsugi-shi, Kanagawa 2430036 (JP). MIYAGAWA, Keisuke [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase, Atsugi-shi, Kanagawa 2430036 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01J 3/46

(11) WO 2004/090488 (13) A1

(21) PCT/US2004/009389

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,320 27 Mar/mar 2003 US (27.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COLOR COMPISON FOR CONTROL OF WOOD STAIN PRODUCTION

• COMPARAISON DE COULEURS POUR VERIFIER LA PRODUCTION DE TEINTURES POUR BOIS

(71) THE SHERWIN-WILLIAMS COMPANY [US/US]; 101 Prospect Avenue, NW, Cleveland, OH 44115 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SKIERSKI, Thomas, J. [US/US]; 5189 Roxanne Lane, Brunswick Hills, OH 44212 (US). COPE, Thomas, L. [US/US]; 4999 North Sedgewick Road, Lyndhurst, OH 44124 (US).

(74) TSANG, Vivien, Y. et al. / etc.; c/o The Sherwin-Williams Company, 101 Prospect Avenue, NW, Cleveland, OH 44115 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01J 3/52

(11) WO 2004/090489 (13) A1

(21) PCT/GB2004/001415

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0308096.7 8 Apr/avr 2003 GB (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A COLOUR TESTING SET

• ENSEMBLE DE TEST DE COULEUR

(71, 72) HURLSTONE, Jason [GB/GB]; 22 Dunkeld Road, Bournemouth, Dorset BH3 7EN (GB).

(74) WARREN, Keith, Stanley et al. / etc.; Baron & Warren, 19 South End, Kensington, London W8 5BU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01J 9/02, G03F 7/20, G01M 11/02, G02B 5/02, 5/32

(11) WO 2004/090490 (13) A1

(21) PCT/EP2003/008738

(22) 7 Aug/août 2003 (07.08.2003)

(25) de (26) de

(30) 103 17 278.5 11 Apr/avr 2003 DE (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DIFFUSER, WAVEFRONT SOURCE, WAVEFRONT SENSOR AND PROJECTION LIGHTING FACILITY

• DIFFUSEUR, SOURCE DE FRONT D'ONDE, CAPTEUR DE FRONT D'ONDE ET SYSTEME D'ECLAIRAGE PAR PROJECTION

(71) CARL ZEISS SMT AG [DE/DE]; Carl-Zeiss-Strasse 22, 73447 Oberkochen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHRIEVER, Martin [DE/DE]; Auf der Heide 25, 73431 Aalen (DE). HAIDNER, Helmut [DE/DE]; Jacob-Schweiker-Strasse 33, 73431 Aalen (DE).

(74) RUFF, WILHELM, BEIER, DAUSTER & PARTNER; Kronenstrasse 30, 70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01K

(11) WO 2004/090491 (13) A2

(21) PCT/US2004/010177

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 60/459,037 31 Mar/mar 2003 US (31.03.2003)

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MEASUREMENT OF MOLTEN SULFUR LEVEL IN RECEPTACLES
• MESURE DU NIVEAU DE SOUFRE FONDU DANS DES RESERVOIRS
- (71) SAUDI ARABIAN OIL COMPANY [SA/SA]; R-3296, Administration Building, Dhahran 31311 (SA). ARAMCO SERVICES COMPANY [US/US]; 9009 West Loop South, Houston, TX 77096 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AL-MISFER, Adel, S. [SA/SA]; Box 755, Udhailiyah, Al-Hassa (SA).
- (74) NATOLI, Anthony, J.; Abelman, Frayne & Schwab, 150 East 42nd Street, New York, NY 10017-5612 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01K
(11) WO 2004/090492 (13) A2
(21) PCT/US2004/010178
(22) 2 Apr/avr 2004 (02.04.2004)
(25) en (26) en
(30) 60/459,256 2 Apr/avr 2003 US (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FAST RESPONSE PROBE FOR A FOOD THERMOMETER
• SONDE A REPOSE RAPIDE POUR THERMOMETRE ALIMENTAIRE
- (71) F.O.B. INSTRUMENTS, INC. [CN/CN]; 1/F ANTON BUILDING, One Anton Street, Wanchai (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RUND, Richard [US/US]; 9214 Sterling Montague Drive, Great Falls, VA 22066 (US).
- (74) SAMUELS, Frederick, N. et al. / etc.; Cahn & Samuels, LLP, 2000 P Street NW, Suite 200, Washington, District of Columbia 20036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01L 13/00
(11) WO 2004/090494 (13) A2
(21) PCT/EP2004/003680
(22) 6 Apr/avr 2004 (06.04.2004)
(25) de (26) de
(30) 103 16 033.7 7 Apr/avr 2003 DE (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • RELATIVE PRESSURE TRANSDUCER
• CONVERTISSEUR DE MESURE DE PRESSION RELATIVE
- (71) ENDRESS + HAUSER GMBH + CO. KG [DE/DE]; Hauptstrasse 1, 79689 Maulburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TANNER, Jürgen [DE/DE]; Hebelstrasse 21, 79400 Kandern (DE). BECHER, Raimund [DE/DE]; Kirchhofenerstrasse 10b, 79238 Ehrenkirchen (DE).
-
- (51)⁷ G01M
(11) WO 2004/090495 (13) A2
(21) PCT/EP2004/050508
(22) 13 Apr/avr 2004 (13.04.2004)
(25) de (26) de
(30) 03100992.1 11 Apr/avr 2003 EP (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • BALANCING WEIGHT FOR VEHICLE WHEELS, COMPRISING A CONCAVELY OR CONVEXLY CURVED CONTACT FACE, AND METHOD FOR THE PRODUCTION THEREOF
• MASSELOTTE D'EQUILIBRAGE POUR ROUES DE VEHICULE COMPORTANT UNE FACE D'APPUI A COURBURE CONCAVE OU CONVEXE, ET SON PROCEDE DE PRODUCTION
- (71) Franken Industrie Werke [DE/DE]; Schweinfurter Strasse 9-11, 97080 Würzburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WAGENSCHNEIN, Dietmar [DE/DE]; Helmuth-Zimmerer-Strasse 12a, 97076 Würzburg (DE).
- (74) GÖTZ, Georg; Postfach 11 92 49, Färberstrasse 20, 90102 Nürnberg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01M
(11) WO 2004/090496 (13) A2
(21) PCT/US2004/010048
(22) 31 Mar/mar 2004 (31.03.2004)
(25) en (26) en
- (74) ANDRES, Angelika; c/o Endress + Hauser (DE) Holding GmbH, Colmarer Strasse 6, 79576 Weil am Rhein (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (30) 60/459,108 **31 Mar/mar 2003** US
(31.03.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND APPARATUS FOR THE MONITORING AND CONTROL OF COMBUSTION
• PROCEDE ET APPAREIL POUR SURVEILLER ET REGULER UNE COMBUSTION
- (71) **ZOLO TECHNOLOGIES, INC.** [US/US]; 4946 North 63rd Street, Boulder, CO 80301 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAPPEY, Andrew, D.** [US/US]; 1845 Tabor Street, Lakewood, CO 80215 (US). **HOWELL, James** [US/US]; 542 Hoptree Court, Louisville, CO 80027 (US). **HOFVANDER, Henrik** [SE/US]; 126 Genesee Court, Boulder, CO 80303 (US). **MASTERSON, B., P.** [US/US]; 325 West Eisenhower Drive, Louisville, CO 80027 (US).
- (74) **SWANSON, Barry, J. et al. / etc.**; 1745 Shea Center Drive, Suite 330, Highlands Ranch, CO 80129 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G01M 1/28, B60C 25/00, G01M 17/02, B60C 19/00**
- (11) **WO 2004/090497** (13) A1
- (21) PCT/JP2004/005009
- (22) **7 Apr/avr 2004 (07.04.2004)**
- (25) ja (26) ja
- (30) 2003-104842 **9 Apr/avr 2003** JP
(09.04.2003)
- (30) 2003-105621 **9 Apr/avr 2003** JP
(09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DIVIDED RIM FOR TIRE, METHOD OF ASSEMBLING RIM/TIRE ASSEMBLY, AND METHOD AND DEVICE FOR INSTALLING RIM/TIRE ASSEMBLY
• JANTE DE PNEU DIVISEE, PROCEDE D'ASSEMBLAGE DE L'ENSEMBLE JANTE/PNEU, ET PROCEDE ET DISPOSITIF DE MONTAGE DE L'ENSEMBLE JANTE/PNEU
- (71) **BRIDGESTONE CORPORATION** [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo, 1048340 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HIRATA, Yoshiaki** [JP/JP]; c/o BRIDGESTONE CORPORATION Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo, 1878531 (JP).
- OOBAYASHI, Akio** [JP/JP]; c/o BRIDGESTONE CORPORATION Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo, 1878531 (JP). **KIKUCHI, Keigo** [JP/JP]; c/o BRIDGESTONE CORPORATION Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo, 1878531 (JP).
- (74) **SUGIMURA, Kosaku**; Kazan Building, 3-2-4, Kasumigaseki, Chiyoda-ku, Tokyo, 1000013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01M 3/24**
- (11) **WO 2004/090498** (13) A1
- (21) PCT/EP2004/003502
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) de (26) de
- (30) 103 15 987.8 **7 Apr/avr 2003** DE
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DEVICE FOR DETECTING AND APPROXIMATELY LOCALISING A LEAKAGE IN A DRINKING WATER SUPPLY NETWORK
• DISPOSITIF POUR IDENTIFIER ET LOCALISER APPROXIMATIVEMENT UNE FUITE DANS UN RESEAU D'ALIMENTATION EN EAU POTABLE
- (71, 72) **RIEHLE, Rainer** [DE/DE]; Albrecht-Goes-Strasse 34, 74243 Langenbrettach (DE).
- (74) **LUTZ, Johannes, Dr. et al. / etc.**; Hauptmannsreute 93, 70193 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G01M 11/00**
- (11) **WO 2004/090499** (13) A1
- (21) PCT/IB2004/001098
- (22) **8 Apr/avr 2004 (08.04.2004)**
- (25) en (26) en
- (30) 60/461,913 **10 Apr/avr 2003** US
(10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • HIGH RESOLUTION OTDR FOR LOSS MEASUREMENTS
• REFLECTOMETRE OPTIQUE DANS LE DOMAINE TEMPOREL A HAUTE RESOLUTION POUR DES MESURES DE PERTE
- (71) **LUCIOL INSTRUMENTS SA** [CH/CH]; 7b, Route Suisse, CH-1295 Mies (CH).
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- (72, 75) **BRENDEL, Jürgen** [CH/CH]; CH-1211 Geneva (CH). **HUTTNER, Bruno** [FR/FR]; F-74160 Collonges-sous-Salève (FR).
- (74) **MOETTELI, John**; Moetтели & Associés SARL, Case Postale 486, CH-1211 Genève 12 (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement
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- (51)⁷ **G01N**
- (11) **WO 2004/090500** (13) A2
- (21) PCT/US2004/010291
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) en (26) en
- (30) 60/460,245 **4 Apr/avr 2003** US
(04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FLUORESCENT CHOLANGIOGRAPHY
• CHOLANGIOGRAPHIE FLUORESCENTE
- (71) **SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH** [US/US]; 1275 York Avenue, New York, NY 10021 (US).

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(72, 75) **STILES, Brendon** [US/US]; 1233 York Avenue, Apt. #12F, New York, NY 10021 (US). **FONG, Yuman** [US/US]; 345 East 68th Street, Apt. #4B, New York, NY 10021 (US). **BHARGAVA, Amit** [US/US]; 1233 York Ave., Apt. 12F, New York, NY 10021 (US). **ADUSUMILLI, Prasad** [IN/US]; 312 E. 66th Street, Apt #4C, New York, NY 10021 (US).

(74) **LARSON, Marina, T.**; Oppedahl & Larson LLP, P.O. Box 5068, Dillon, CO 80435 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 2004/090501 (13) A2

(21) PCT/US2004/010310

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/459,941 2 Apr/avr 2003 US (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR THE SURVEILLANCE FOR BIOLOGICAL, CHEMICAL AND RADIOLOGICAL AGENTS

• PROCEDE DE SURVEILLANCE DE LA PRESENCE D'AGENTS BIOLOGIQUES, CHIMIQUES ET RADIOLOGIQUES

(71) **NEW YORK UNIVERSITY** [US/US]; 70 Washington Square South, New York, NY 10012 (US).

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(72, 75) **CAUFIELD, Page, W.** [US/US]; 120 West 15th Street #5D, New York, NY 10011 (US). **ALFANO, Michael, C.** [US/US]; 29 Washington Square West #5C, New York, NY 10011 (US). **SAXENA, Deepak** [IN/US]; 526 East 20th Street #8E, New York, NY 10009 (US).

(74) **LUDWIG, S., Peter et al.** / etc.; Darby & Darby P.C., P.O. Box 5257, New York, NY 10150-5257 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 2004/090502 (13) A2

(21) PCT/US2004/010326

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,876 1 Apr/avr 2003 US (01.04.2003)

(30) 60/469,449 5 May/mai 2003 US (05.05.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • WHOLE-SUBSTRATE SPECTRAL IMAGING SYSTEM FOR CMP

• SYSTEME D'IMAGERIE SPECTRALE DE SUBSTRAT ENTIER POUR PLANARISATION CHIMICO-MECANIQUE (CMP)

(71) **FILMETRICS, INC.** [US/US]; 9335 Chesapeake Drive, San Diego, CA 92123 (US).

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(72, 75) **CHALMERS, Scott A.** [US/US]; 5665 Soledad Mountain Road, La Jolla, CA 92037 (US).

GEELS, Randall S. [US/US]; 650 Singing Vista Drive, El Cajon, CA 92019 (US).

BIBBY, Thomas F. A. [US/US]; 275 French Hill Rd., St. Albans, Vermont 05478 (US).

(74) **LAURENSEN, Robert C. et al.** / etc.; 301 Ravenswood Avenue, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 2004/090503 (13) A2

(21) PCT/US2004/010338

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/407,695 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND SYSTEM FOR TRANSFERRING ANALYTE TEST DATA

• PROCEDE ET SYSTEME PERMETTANT LE TRANSFERT DE DONNEES DE MESURE D'ANALYTE

(71) **ABBOTT LABORATORIES** [US/US]; Dept. 377 Bldg. AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).

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(72, 75) **CONNOLLY, Brian, E.** [US/US]; 38 Hopkins Street, Reading, MA 01867 (US). **MACE, Chad, H.** [US/US]; 162 Greeley Street, Hudson, NH 03051 (US). **LAI, Marc, R.** [US/US]; 94 Centre Street, Dover, MA 02030 (US).

(74) **WEINSTEIN, David et al.** / etc.; Abbott Laboratories, Dept. 377 Bldg. AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 2004/090504 (13) A2

(21) PCT/US2004/010340

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/406,694 3 Apr/avr 2003 US (03.04.2003)

(30) 10/816,355 1 Apr/avr 2004 US (01.04.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND DEVICE FOR SENSING HEALTH AND CONDITION OF A BEARING THROUGH THE LUBRICATION PORT OF A MACHINE

• PROCEDE ET DISPOSITIF PERMETTANT DE DETECTER LA SANTE ET L'ETAT D'UN ROULEMENT A TRAVERS L'OUVERTURE DE LUBRIFICATION D'UNE MACHINE

(71) **PREDICTIVE ONLINE DEVICES, INC.** [US/US]; 462 Green Hill Road, Madison, CT 06443 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **WALKER, Steve** [US/US]; 462 Green Hill Road, Madison, CT 06443 (US). **WALKER, Stewart** [US/US]; 72 Orchard Avenue, Barrington, RI (US). **WATT, Lewis, Cavine** [US/US]; 3301 - 919 Shellers Bend, State College, PA 16801 (US). **NICKERSON, George, William** [US/US]; 420 East Hamilton Avenue, State College, PA 16801 (US).

(74) **YAN LAN, Frederick, Williams, C.**; Burns & Levinson LLP, 1030 Fifteenth Street, N.W., Suite 300, Washington, DC 20005-1501 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01N

- (11) WO 2004/090505 (13) A2
(21) PCT/US2004/010544
(22) 5 Apr/avr 2004 (05.04.2004)
(25) en (26) en
(30) 60/460,702 4 Apr/avr 2003 US
(04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • METHOD AND APPARATUS FOR EN-
HANCED NANO-SPECTROSCOPIC
SCANNING
• PROCEDE ET APPAREIL DE BA-
LAYAGE NANO-SPECTROSCOPIQUE
AMELIORE

- (71) INTERNATIONAL FRONTIER SCI-
ENCE ORGANIZATION [US/US]; 1890
Sutter Street, #204, San Francisco, CA 94115
(US).

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les États désignés sauf US)

- (72, 75) POPONIN, Vladimir [US/US]; 1890
Sutter Street, #204, San Francisco, CA 94115
(US).

- (74) DEHLINGER, Peter, J. et al. / etc.; Perkins
Coic LLP, P.O. Box 2168, Menlo Park, CA
94026 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01N

- (11) WO 2004/090506 (13) A2
(21) PCT/US2004/006538
(22) 3 Mar/mar 2004 (03.03.2004)
(25) en (26) en
(30) 60/451,828 3 Mar/mar 2003 US
(03.03.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • SURFACES THAT SELECTIVELY
BIND TO MOIETIES
• SURFACES QUI SE LIEN SELECTIVE-
MENT A DES FRAGMENTS

- (71) UNIVERSITY OF MASSACHUSETTS
[US/US]; One Beacon Street, 26th Floor,
Boston, MA 02108 (US).

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- (72, 75) PENELLE, Jacques [BE/FR]; 6 Allée
Du Hêtre Poupre, F-91370 Verrières-le-Buis-
son (FR). NUSSLEIN, Klaus [DE/US]; 689
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(US). DAS, Kanad [US/US]; 1212 10th Av-
enue #104, San Francisco, CA 94122 (US).

- (74) FASSE, Peter, J.; Fish & Richardson P.C.,
225 Franklin Street, Boston, MA 02110-2804
(US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01N

- (11) WO 2004/090507 (13) A2
(21) PCT/US2004/009991
(22) 1 Apr/avr 2004 (01.04.2004)
(25) en (26) en
(30) 60/459,856 2 Apr/avr 2003 US
(02.04.2003)

- (43) 21 Oct/oct 2004 (21.10.2004)

- (54) • APPARATUS AND METHOD FOR
CORRECTING ERRORS GENERATED
BY A LASER WITH NON-IDEAL TUN-
ING CHARACTERISTICS

- APPAREIL ET PROCEDE PERMET-
TANT DE CORRIGER DES ERREURS
GENEREES PAR UN LASER A CA-
RACTERISTIQUES DE REGLAGE
NON IDEALES

- (71) LUNA TECHNOLOGIES, INC. [US/US];
2020 Kraft Drive, Blacksburg, VA 24060
(US).

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les États désignés sauf US)

- (72, 75) FROGGATT, Mark, E. [US/US]; 1912
Lacy Lane, Blacksburg, VA 24060 (US).

- (74) BRYANT, Joy, L.; P.O. Box 590, Lighfoot,
VA 23090 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01N 1/20

- (11) WO 2004/090508 (13) A2
(21) PCT/FR2004/000803
(22) 30 Mar/mar 2004 (30.03.2004)
(25) fr (26) fr
(30) 03/04073 1 Apr/avr 2003 FR
(01.04.2003)

- (43) 21 Oct/oct 2004 (21.10.2004)

- (54) • METHOD AND DEVICE FOR TAK-
ING MICRO-SAMPLES OF A PRES-
SURISED FLUID HELD IN A CON-
TAINER

- PROCEDE ET DISPOSITIF POUR PRE-
LEVER DES MICRO-ECHANTILLONS
D'UN FLUIDE SOUS PRESSION
CONTENU DANS UN CONTAINER

- (71) ARMINES [FR/FR]; 60, boulevard Saint
Michel, F-75272 Paris Cédex 06 (FR).

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les États désignés sauf US)

- (72, 75) RICHON, Dominique [FR/FR]; 17, rue
de Montmélian, F-77210 Samoreau (FR).

- (74) VIDON, P.; Cabinet Vidon, 16B, rue de
Jouanet, BP 90333, F-35703 Rennes Cédex
7 (FR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01N 13/02

- (11) WO 2004/090509 (13) A1
(21) PCT/BG2004/000007
(22) 9 Apr/avr 2004 (09.04.2004)
(25) en (26) en
(30) 107715 9 Apr/avr 2003 BG
(09.04.2003)

- (43) 21 Oct/oct 2004 (21.10.2004)

- (54) • METHOD AND DEVICE FOR EVAL-
UATION OF BIO-PSYCHO-PHYSICAL
INFLUENCE OF RADIO, TELEVISION
AND MEDIA PRODUCTS UPON HU-
MANS

- PROCEDE ET DISPOSITIF PERMET-
TANT D'EVALUER L'INFLUENCE
BIO-PSYCHO-PHYSIQUE DE LA RA-
DIO, DE LA TELEVISION ET DE
PRODUITS MULTIMEDIA SUR DES
HUMAINS

- (71) SECURY BG MARK LTD [BG/BG]; j.k.
Mladost 3, Bl.380, 1712 Sofia (BG).

(for all designated States except / pour tous
les États désignés sauf US)

- (71, 72) JELEV, Jivko [BG/BG]; j.k. Mla-
dost 4, Bl.417, App.31, 1712 Sofia (BG).
ANTONOV, Anton [BG/BG]; j.k. Hipo-
druma, Bl.111, Vh.A, App.19, 1612 Sofia

- (BG). GALABOVA, Tatyana [BG/BG]; j.k. Hipodroma, Bl.111, Vh.A, App.4, 1612 Sofia (BG).
- (74) VARBANOV, Julian; J.Varbanov & partners, 3, Pozitano str., 2nd floor, 1000 Sofia (BG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 21/03, G01B 6/16, A61B 5/00
- (11) WO 2004/090510 (13) A1
- (21) PCT/DK2004/000267
- (22) 14 Apr/avr 2004 (14.04.2004)
- (25) en (26) en
- (30) 60/462,299 14 Apr/avr 2003 US (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OPTICAL FIBRE NEEDLE FOR SPECTROSCOPIC ANALYSIS OF LIQUIDS
• AIGUILLE A FIBRE OPTIQUE DESTINEE A L'ANALYSE SPECTROSCOPIQUE DE LIQUIDES
- (71) ALIGHT TECHNOLOGIES A/S [DK/DK]; Ryttermarken 15-21, DK-3520 Farum (DK).
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- (72) ØSTERGAARD, John, Erland; Højgårds Vænge 26, DK-2880 Bagsværd (DK).
- (74) PLOUGMANN & VINGTOFT A/S; Sundkrogsvej 9, P.O. Box 831, DK-2100 Copenhagen Ø (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G01N 21/05
- (11) WO 2004/090511 (13) A1
- (21) PCT/EP2004/003827
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) de (26) de
- (30) 103 16 686.6 10 Apr/avr 2003 DE (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CUVETTE FOR A PHOTOMETER OR A SPECTROMETER
• CUVETTE DE PHOTOMETRE OU DE SPECTROMETRE
- (71) ENDRESS+HAUSER CONDUCTA GESELLSCHAFT FÜR MESS- UND REGELTECHNIK MBH + CO. KG [DE/DE]; Dieselstrasse 24, 70839 Gerlingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STEUERWALD, Ralf [DE/DE]; Wiesenstrasse 27, 73642 Welzheim (DE).
KNÖDLER, Matthias [DE/DE]; Hintere Strasse 32, 70734 Fellbach (DE).
- (74) ANDRES, Angelika; c/o Endress + Hauser (DE) Holding GmbH, PatServe, Colmarer Strasse 6, 79576 Weil am Rhein (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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, 25/48, 33/487, 33/53
- (11) WO 2004/090512 (13) A1
- (21) PCT/GB2004/001551
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 0308324.3 10 Apr/avr 2003 GB (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OPTICAL CHEMICAL SENSING DEVICE WITH PYROELECTRIC OR PIEZOELECTRIC TRANSDUCER
• DISPOSITIF OPTIQUE DE DETECTION CHIMIQUE A TRANSDUCTEUR PYROELECTRIQUE OU PIEZO-ELECTRIQUE
- (71) PIEZOPTIC LIMITED [GB/GB]; Viking House, Ellingham Way, Ashford, Kent TN23 6NF (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CARTER, Timothy, Joseph, Nicholas [GB/GB]; c/o PiezOptic Limited, Viking House, Ellingham Way, Ashford, Kent TN23 6NF (GB).
ROSS, Steven, Andrew [GB/GB]; c/o PiezOptic Limited, Viking House, Ellingham Way, Ashford, Kent TN23 6NF (GB).
- (74) ELKINGTON AND FIFE LLP; Prospect House, 8 Pembroke Road, Sevenoaks, Kent TN13 1Xr (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01N 21/31
- (11) WO 2004/090513 (13) A1
- (21) PCT/EP2004/003826
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) de (26) de
- (30) 10316685.8 10 Apr/avr 2003 DE (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DEVICE FOR PHOTOMETRICALLY MEASURING THE CONCENTRATION OF A CHEMICAL SUBSTANCE IN A SOLUTION TO BE MEASURED
• DISPOSITIF DE MESURE PHOTO-METRIQUE DE LA CONCENTRATION D'UNE SUBSTANCE CHIMIQUE DANS UNE SOLUTION DE MESURE
- (71) ENDRESS+HAUSER CONDUCTA GESELLSCHAFT FÜR MESS- UND REGELTECHNIK MBH + CO. KG [DE/DE]; Dieselstrasse 24, 70839 Gerlingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STEUERWALD, Ralf [DE/DE]; Wiesenstrasse 27, 73642 Welzheim (DE).
KNÖDLER, Matthias [DE/DE]; Hintere Strasse 32, 70734 Fellbach (DE).
- (74) ANDRES, Angelika; c/o Endress + Hauser (DE) Holding GmbH, PatServe, Colmarer Strasse 6, 79576 Weil am Rhein (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ G01N 21/45

(11) WO 2004/090514 (13) A1

(21) PCT/EP2004/050483

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) MI2003A000763 11 Apr/avr 2003 IT
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A METHOD FOR DETERMINING THE
REFRACTIVE INDEX BY MEANS OF
WHITE-LIGHT INTERFEROMETRY

- PROCEDE DE DETERMINATION
DE L'INDICE DE REFRACTION AU
MOYEN D'UN INTERFEROMETRE A
LUMIERE BLANCHE

(71) UNIVERSITA' DEGLI STUDI DI PAVIA
[IT/IT]; Via Strada Nuova, 65, I-27100 Pavia
(IT).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MARABELLI, Franco [IT/IT]; Piazzale
S. Giuseppe, 3, I-27100 Pavia (IT).
GALLI, Matteo [IT/IT]; Via S. Maria in
Cristino, 14, I-22100 Como (IT).

(74) GERVASI, Gemma; Notarbartolo & Ger-
vasi S.p.A., Corso di Porta Vittoria, 9, I-20122
Milan (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ G01N 21/45, 33/68, 33/483

(11) WO 2004/090515 (13) A1

(21) PCT/JP2003/013057

(22) 10 Oct/oct 2003 (10.10.2003)

(25) ja (26) ja

(30) 2003-097984 1 Apr/avr 2003 JP
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD OF MEASURING PROTEIN
SOLUBILITY, PROCESS FOR PRO-
DUCING CRYSTAL AND APPARATUS
THEREFOR

- PROCEDE DE MESURE DE LA SOLU-
BILITE D'UNE PROTEINE, PROCEDE

DE PRODUCTION D'UN CRISTAL ET
APPAREIL ASSOCIE

(71) NIHON UNIVERSITY [JP/JP]; 8-24, Ku-
dan-Minami 4-chome, Chiyoda-ku, Tokyo
102-8275 (JP).

(for all designated States except / pour tous
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(72, 75) NAKAZATO, Katsuyoshi [JP/JP];
c/o Nihon University, 8-24, Kudan-Minami
4-chome, Chiyoda-ku, Tokyo 102-8275 (JP).

(74) FUJINO, Seiya et al. / etc.; Toranomon
Nakata Bldg. 4F, 7-7, Toranomon 2-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 NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(v) for all designations / pour toutes les
désignations

(51)⁷ G01N 21/64, 21/95, G01R 31/265

(11) WO 2004/090516 (13) A1

(21) PCT/GB2004/001521

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 0308182.5 9 Apr/avr 2003 GB
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DETECTION METHOD AND APPA-
RATUS METAL PARTICULATES ON
SEMICONDUCTORS

- PROCEDE ET APPAREIL DE DETEC-
TION DE PARTICULES DE METAL
SUR DES SEMICONDUCTEURS

(71) AOTI OPERATING COMPANY, INC.
[US/US]; 131 NW Hawthorne Avenue, Suite
207, Bend, OR 97701 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HIGGS, Victor [GB/GB]; 222 Maylands
Avenue, Hemel Hempstead, Hertfordshire
HP2 7DF (GB).

(74) NOVAGRAAF PATENTS LIMITED; The
Crescent, 54 Blossom Street, York YO24 1AP
(GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01N 21/64

(11) WO 2004/090517 (13) A1

(21) PCT/JP2004/004630

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-101609 4 Apr/avr 2003 JP
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • QUANTITATIVE REAGENT, METHOD
AND EQUIPMENT OF SUBSTANCE
UTILIZING FLUORESCENCE LIFE-
TIME

- REACTIF QUANTITATIF, METHODE
ET EQUIPEMENT ASSOCIES A UNE
SUBSTANCE UTILISANT LE TEMPS
DE FLUORESCENCE

(71) NATIONAL INSTITUTE OF AD-
VANCED INDUSTRIAL SCIENCE AND
TECHNOLOGY [JP/JP]; 3-1, Kasumi-
gaseki 1-chome, Chiyoda-ku, Tokyo 1008921
(JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SUZUKI, Hideyuki [JP/JP]; c/o Na-
tional Institute of Advanced Industrial Sci-
ence and Technology, Tsukuba Central 4,
1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki
3058562 (JP). MIYAMOTO, Nobuaki
[JP/JP]; c/o National Institute of Ad-
vanced Industrial Science and Technology,
Tsukuba Central 4, 1-1, Higashi 1-chome,
Tsukuba-shi, Ibaraki 3058562 (JP). TAKE-
MURA, Taro [JP/JP]; c/o National Institute
of Advanced Industrial Science and Tech-
nology, Tsukuba Central 4, 1-1, Higashi
1-chome, Tsukuba-shi, Ibaraki 3058562 (JP).
NISHIDA, Daisuke [JP/JP]; c/o National
Institute of Advanced Industrial Science and
Technology, Tsukuba Central 4, 1-1, Higashi
1-chome, Tsukuba-shi, Ibaraki 3058562 (JP).

(74) KOBAYASHI, Hiroshi et al. / etc.; c/o ABE,
IKUBO & KATAYAMA, Fukuoka Bldg. 9th
Fl. 8-7, Yaesu 2-chome, Chuo-ku, Tokyo
1040028 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01N 21/76

(11) WO 2004/090518 (13) A1

(21) PCT/EP2004/003828

(22) 8 Apr/avr 2004 (08.04.2004)

- (25) en (26) en
- (30) 0308549.5 11 Apr/avr 2003 GB
(11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • LIGHT EMISSION ASSAY APPARATUS
• APPAREIL A DOSAGE EMETTEUR DE LUMIERE
- (71) CROWN VISION SYSTEMS LIMITED [GB/GB]; 14 Bleriot Crescent, Whiteley, Fareham, Hants PO15 7JD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANDREOU, Michael, Paul [GB/GB]; 74 Gateford Drive, Horsham, West Sussex RH12 5FW (GB).
- (74) CHEYNE, John; Haseltine Lake, Imperial House, 15-19 Kingsway, London WC2B 6UD (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G01N 21/78
- (11) WO 2004/090519 (13) A1
- (21) PCT/JP2003/004405
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD OF MEASURING FRESHNESS OF CEREALS AND BEANS AND APPARATUS THEREFOR
• PROCEDE DE MESURE DE LA FRAICHEUR DE CEREALES ET DE HARICOTS ET APPAREIL ASSOCIE
- (71) SATAKE CORPORATION [JP/JP]; 7-2, Sotokanda 4-chome, Chiyoda-ku, Tokyo 101-0021 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MIKAMI, Takashi [JP/JP]; 7-2, Sotokanda 4-chome, Chiyoda-ku, Tokyo 101-0021 (JP). KAWAKAMI, Koji [JP/JP]; 7-2, Sotokanda 4-chome, Chiyoda-ku, Tokyo 101-0021 (JP). OCHI, Tatsuhiko [JP/JP]; 7-2, Sotokanda 4-chome, Chiyoda-ku, Tokyo 101-0021 (JP).
- (74) TAKEMOTO, Shoji et al. / etc.; 6F., TORANOMON 19 MT Bldg., 2-20, Toranomom 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AU BR CA CO ID JP US VN.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ G01N 21/84, G01M 11/08
- (11) WO 2004/090520 (13) A1
- (21) PCT/GB2004/001489
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 0307984.5 7 Apr/avr 2003 GB
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • WEAR DETECTION
• DETECTION D'UNE USURE
- (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) LOVERIDGE, Andrew [GB/GB]; QinetiQ Limited, Cody Technology Park, Room A7/1146, Ively Road, Farnborough, Hampshire GU14 0LX (GB). BOWLES, Adrian, R. [GB/GB]; QinetiQ Limited, Cody Technology Park, Room A7/1146, Ively Road, Farnborough, Hampshire GU14 0LX (GB).
- (74) OBEE, Robert, William; QinetiQ Ltd, IP Formalities, Cody Technology Park, A4 Building, Room G016, Ively Road, Farnborough, Hampshire GU14 0LX (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G01N 21/952, 21/95, G06T 1/40, 7/00
- (11) WO 2004/090521 (13) A1
- (21) PCT/AU2004/000379
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 2003901684 9 Apr/avr 2003 AU
(09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD OF CLASSIFYING DEFECTS
• PROCEDE DE CLASSIFICATION DES DEFAUTS
- (71) CRC FOR INTELLIGENT MANUFACTURING SYSTEMS & TECHNOLOGIES LTD [AU/AU]; Corner Albert & Raglan Streets, Preston, Victoria 3072 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GRAVES, Kynan, Edward [AU/AU]; 8/69 Auburn Road, Hawthorn, Victoria 3122 (AU). NAGARAJAH, Chesney, Romesh [AU/AU]; 89 Orchard Grove, Blackburn South, Victoria 3130 (AU).
- (74) GRIFFITH HACK; 509 St Kilda Road, Melbourne, Victoria 3004 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
-
- (51)⁶ G01N 23/207, C30B 29/06
- (11) WO 2004/090522 (13) A1
- (21) PCT/JP1997/004414
- (22) 3 Dec/déc 1997 (03.12.1997)
- (25) ja (26) ja
- (30) 8/337658 4 Dec/déc 1996 JP
(04.12.1996)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND APPARATUS FOR X-RAY TOPOGRAPHY OF SINGLE CRYSTAL INGOT
• PROCEDE ET APPAREIL DE TOPOGRAPHIE AUX RAYONS X DE LINGOT MONOCRISTALLIN
- (71, 72) KIKUCHI, Tetsuo [JP/JP]; 45-11, Kamisunacho 3-chome., Tachikawa-shi, Tokyo 190 (JP). MACHITANI, Yoshio [JP/JP]; 9-4, Monzennakacho 1-chome., Koto-ku, Tokyo 135 (JP).
- (74) SUZUKI, Toshiyuki; 5F Nishibori Building, 12-1, Kyobashi 2-chome, Chuo-ku, Tokyo 104 (JP).
- (81) US.
- Published / Publiée : (e) 06Jun/juin 2000
(06.06.2000), 6072854
-
- (51)⁷ G01N 27/22
- (11) WO 2004/090523 (13) A1
- (21) PCT/EP2004/003278
- (22) 27 Mar/mar 2004 (27.03.2004)
- (25) de (26) de
- (30) 103 16 933.4 12 Apr/avr 2003 DE
(12.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SENSOR SYSTEM AND METHOD FOR PRODUCING THE SAME
• SYSTEME DE DETECTION ET PROCEDE DE REALISATION
- (71) E+E ELEKTRONIK GES.M.B.H. [AT/AT]; Langwiesen 7, A-4209 Engerwitzdorf (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINDORFER, Gerald [AT/AT]; Damberschlag 23, A-4170 Haslach a. d. Mühl (AT).

- (74) **HOFMANN, Ernst**; Dr. Johannes Heidenhain GmbH, Patentabteilung, Postfach 12 60, 83292 Traunreut (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 27/419, 27/406
(11) WO 2004/090524 (13) A1
(21) PCT/EP2004/050455
(22) 6 Apr/avr 2004 (06.04.2004)
(25) de (26) de
(30) 103 16 645.9 11 Apr/avr 2003 DE (11.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • DEVICE FOR OPERATING A GAS SENSOR
• DISPOSITIF PERMETTANT DE FAIRE FONCTIONNER UN DETECTEUR DE GAZ
- (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) **CRAMER, Berndt** [DE/DE]; Schellingstr. 20, 71229 Leonberg (DE). **TIEFENBACH, Andy** [DE/DE]; Gebersheimer Weg 26, 71254 Ditzingen (DE). **SCHUMANN, Bernd** [DE/DE]; Hegelstr. 34, 71277 Rutesheim (DE). **OCHS, Thorsten** [DE/DE]; Stammheimerstr. 43, 71701 Schwieberdingen (DE). **SCHICHELIN, Helge** [DE/DE]; Wilhelmstr. 76, 76137 Karlsruhe (DE).
- (74) **ROBERT BOSCH GMBH**; Postfach 30 02 20, 70442 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • STEROID HORMONE ANALYSIS BY MASS SPECTROMETRY
• ANALYSE D'HORMONES STEROIDES PAR LA SPECTROMETRIE DE MASSE
- (71) **MDS INC., dba MDS SCIEX** [CA/CA]; 71 Four Valley Drive, Concord, Ontario L4K 4V8 (CA).
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- (72, 75) **SOLDIN, Steven, J.** [US/US]; 6308 Walhonding Road, Bethesda, Maryland 20816 (US).
- (74) **TORYS LLP et al.** / etc.; Suite 3000, 79 Wellington Street West, Box 270, TD Centre, Toronto, Ontario M5K 1N2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(54) • SAMPLE ANALYZING METHOD AND SAMPLE ANALYZING PROGRAM
• PROCEDE ET PROGRAMME D'ANALYSE D'ECHANTILLON
- (71) **MEDICAL PROTEOSCOPE CO., LTD.** [JP/JP]; Shinjuku Sumitomo Bldg. 2-6-1, Nishishinjuku, Shinjuku-ku Tokyo, 1630207 (JP).
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- (72, 75) **OGIWARA, Atsushi** [JP/JP]; My-castle Kunugida 310, 521-6, Kunugidamachi, Hachioji-shi Tokyo, 1930942 (JP). **KAWAKAMI, Takao** [JP/JP]; No. 303 Yoshino Manshon, 4-19-2, Shirahata, Minami-ku, Saitama-shi Saitama, 3360022 (JP). **NISHIMURA, Toshihide** [JP/JP]; 1512-45, Ikemukai, Tsukuba-shi Ibaraki, 3001243 (JP).
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- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(54) • APPARATUS AND METHOD FOR MEASURING SPECIFIC GRAVITY (CONCENTRATION) OF MEDIUM USING ULTRASONIC WAVE
• APPAREIL ET PROCEDE DE MESURE DE LA GRAVITE SPECIFIQUE (CONCENTRATION) D'UN SUPPORT AU MOYEN D'UNE ONDE ULTRASO-NORE
- (71) **SHINWOO P & T CO.,LTD.** [KR/KR]; 1576-3, Shinlim-dong, Kwanak-gu, Seoul, 151-010 Seoul (KR). **HANSUNG ELECTRONIC INDUSTRIES DEVELOPMENT CO.,LTD.** [KR/KR]; 259-4, Poi-dong, Kangnam-gu, 135-965 Seoul (KR).
- (72) **KOO, Bonkwang**; #16-1506, Newtown Apt., Bisan-dong, Dongahn-gu, Anyang-shi, 431-050 Kyunggi-do (KR).
- (74) **KIM, Inhan**; 5th Floor, Dacrim Bldg., 1695-4 Seocho-dong, Seocho-ku, Seoul 137-883 (KR).
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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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • METHOD AND APPARATUS FOR ACOUSTICALLY INSPECTING A TUBULAR USING ELASTOMERIC ACOUSTIC COUPLING
- PROCEDE ET APPAREIL PERMETTANT D'INSPECTER DU MATERIEL TUBULAIRE PAR COUPLAGE ACOUSTIQUE ELASTOMERIQUE
- (71) SCHLUMBERGER CANADA LIMITED [CA/CA]; 525 - 3rd Avenue S.W., Calgary, Alberta T2P 0G4 (CA).
(only for / seulement pour CA)
- (71) SERVICES PETROLIERS SCHLUMBERGER [FR/FR]; 42 Rue Saint Dominique, F-75007 Paris (FR).
(only for / seulement pour FR)
- (71) SCHLUMBERGER HOLDINGS LIMITED; P.O. Box 71, Craigmuir Chambers, Road Town, Tortola (VG).
(only for / seulement pour GB JP NL)
- (71) SCHLUMBERGER TECHNOLOGY B.V. [—/NL]; Parkstraat 83-89, NL-2514 JG The Hague (NL).
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- (71) SOFITECH N.V. [BE/BE]; Rue de Stall 140, B-1180 Brussels (BE).
(for all designated States except / pour tous les États désignés sauf AM AT AZ BY CA DE DK FR GB HR IT JP KG KR KZ MD NL NO NZ PL RO RU TJ TM UA US ZA)
- (71) SCHLUMBERGER TECHNOLOGY CORPORATION [US/US]; 110 Schlumberger Drive, Sugar Land, TX 77478 (US).
(only for / seulement pour LT)
- (72, 75) ADNAN, Sarmad [US/US]; 24 Foxhall Crescent, Sugar Land, US 77479 (US).
- (74) NAVA, Robin; Schlumberger Technology Corporation, 110 Schlumberger Drive, MD1, Sugar Land, TX 77478 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PHOTORESPONSIVE MOLECULE IDENTIFICATION MATERIAL
- MATERIAU PHOTOSENSIBLE D'IDENTIFICATION DE MOLECULES
- (71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigascki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).
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- (72, 75) MINOURA, Norihiko [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology Tsukuba Central 5, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8565 (JP). OGISO, Masayo [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology Tsukuba Central 4, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8562 (JP). RACHKOV, Oлександр [UA/JP]; c/o National Institute of Advanced Industrial Science and Technology Tsukuba Central 5, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8565 (JP).
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • METHODS AND APPARATUS FOR MONITORING PROCESSES USING A SINGLE DETECTOR
- PROCEDES ET DISPOSITIFS PERMETTANT LE CONTROLE DE PLUSIEURS PROCESSUS AU MOYEN D'UN SEUL DETECTEUR
- (71) WATERS INVESTMENTS LIMITED [US/US]; 109 Lukens Drive, New Castle, DE 19720 (US).
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- (72, 75) SWARTZ, Michael [US/US]; 24 Country Road, Uxbridge, MA 01569 (US). FRAISER, Chuck [US/US]; 6 Wildlife Drive, Hopkinton, MA 01748 (US). FOWLER, Patricia, Ann [US/US]; 52 Cider Mill Lane, Upton, MA 01568 (US). JONES, Michael, D. [US/US]; 61 Metatuxet Road, Narraganset, RI 02882 (US).
- (74) JANIUK, Anthony, J.; Waters Corporation, 34 Maple Street-LG, Milford, MA 01757 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • DEVICE FOR THE DELIVERY OF TWO GASES TO AN ANALYZING DEVICE
- DISPOSITIF DE DELIVRANCE DE DEUX GAZE A UN ANALYSEUR
- (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).
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- (72, 75) CARRE, Martine [FR/FR]; 9, route de Rueil, F-78150 Le Chesnay (FR). LOMBARD, Sophie [FR/FR]; 17, rue du Bout du Manoir, F-78770 Thoiry (FR). L'HEVEDER, Clarisse [FR/FR]; 7, rue Léopold Robert, F-75014 Paris (FR). BRIEND, Robert [FR/FR]; 36, avenue de Villepreux, F-78340 Les Clayes sous Bois (FR). CANNET, Gilles [FR/FR]; 9, rue Jean de la Fontaine, F-95260 Parmain (FR). ROY, Daniel [FR/FR]; 3, rue de la Brèche aux Loups, F-77160 Marles en Brie (FR).
- (74) CONAN, Philippe; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • METHOD OF DETERMINING XENOGRRAFT RESPONSES
- PROCEDE DE DETERMINATION DE REACTIONS DE XENOGREFFE
- (71) CXR BIOSCIENCES LIMITED [GB/GB]; James Lindsay Place, Dundee Technopole, Dundee DD1 5JJ (GB).
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- (72, 75) WOLF, Roland [GB/GB]; CXR Biosciences Limited, James Lindsay Place, Dundee Technopole, Dundee DD1 5JJ (GB).
BROWN, Kenneth [GB/GB]; CXR Biosciences Limited, James Lindsay Place, Dundee Technopole, Dundee DD1 5JJ (GB).
- (74) HARRISON GODDARD FOOTE; Belgrave Hall, Belgrave Street, Leeds LS2 8DD (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) en (26) en
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- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • NON-INVASIVE BREATH ANALYSIS USING FIELD ASYMMETRIC ION MOBILITY SPECTROMETRY
- ANALYSE RESPIRATOIRE NON INVASIVE AU MOYEN DE LA SPECTROMETRIE DE MOBILITE IONIQUE A CHAMP ASYMETRIQUE
- (71) THE CHARLES STARK DRAPER LABORATORY, INC. [US/US]; 555 Technology Square, Cambridge, MA 02139 (US).
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- (72, 75) DAVIS, Cristina, E. [US/US]; 8 Museum Way, Apt. 1602, Cambridge, MA 02141 (US). BORENSTEIN, Jeffrey, T. [US/US]; 936 Highland Street, Holliston, MA 01746 (US). ZAPATA, Angela, M. [US/US]; 23 Academy Street, Apt. 2L, Arlington, MA 02476 (US). GELFAND, Jeffrey, A. [US/US]; 146 Brattle Street, Cambridge, MA 02138 (US). CALLAHAN, Michael, V. [US/US]; 56 Walnut Street, Somerville, MA 02143 (US). STAIR, Thomas, O. [US/US]; 46 Woodcliff Road, Newton, MA 02461 (US). MILLER, Raanan, A.; 25 Follen Street, Apt. 4, Boston, MA 02116 (US).
- (74) WHYTE, Carolyn, E.; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • BIOSENSOR SYSTEM
- SYSTEME DE BIOCAPTEUR
- (71) ROCHE DIAGNOSTICS GMBH [DE/DE]; Sandhofer Strasse 116, 68305 Mannheim (DE).
(only for / seulement pour DE)
- (71) F. HOFFMANN-LA ROCHE AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).
(for all designated States except / pour tous les États désignés sauf DE US)
- (72, 75) KASIELKE, Joachim [DE/DE]; Anton-Bruckner-Strasse 24, 68782 Brühl (DE).
MARQUANT, Michael; Ida-Dehmel-Ring 84, 68309 Mannheim (DE).
- (74) PFEIFER, Hans-Peter et al. / etc.; Beierthimer Allee 19, 76137 Karlsruhe (DE).
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- (54) • MURINE LIVING TISSUE MODEL & USES THEREOF
- MODELE DE TISSU VIVANT MURIN ET UTILISATIONS DE CE MODELE
- (71) THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW [GB/GB]; Gilbert Scott Building, University Avenue, Glasgow Central Scotland G12 8QQ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HODGINS, Malcolm, Briden [GB/GB]; Section Squamous Cell Biology and Dermatology, Division of Cancer Sciences & Molecular Pathology, Robertson Building, University of Glasgow, Glasgow Central Scotland G12 8QQ (GB). GREENHALGH, David [GB/GB]; Section Squamous Cell Biology and Dermatology, Division of Cancer Sciences & Molecular Pathology, Robertson Building, University of Glasgow, Glasgow Central Scotland G12 8QQ (GB). EDWARD, Michael [GB/GB]; Section Squamous Cell Biology and Dermatology, Division of Cancer Sciences & Molecular Pathology, Robertson Building, University of Glasgow, Glasgow Central Scotland G12 8QQ (GB). REITH, Alison [GB/GB]; Section Squamous Cell Biology and Dermatology, Division of Cancer Sciences & Molecular Pathology, Robertson Building, University of Glasgow, Glasgow Central Scotland G12 8QQ (GB).
- (74) FORREST, Graham et al. / etc.; Mewburn Ellis LLP, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • METHOD OF ANALYSING THE CYTOSKELETAL PROTEIN OF CELLS
• ANALYSE CELLULAIRE

(71, 72) **HASHEMI, Brian** [US/US]; 1400 El Camino Village, Drive N^o. 1601, Houston, TX 77058 (US).

(74) **CALDWELL, John, W.** et al. / etc.; Woodcock Washburn LLP, 46th floor, One Livery Place, Philadelphia, PA 19103 (US).

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(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) **WO 2004/090537** (13) A2

(21) PCT/US2004/010388

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 60/460,223 **2 Apr/avr 2003** US
(02.04.2003)

(30) 60/495,394 **15 Aug/août 2003** US
(15.08.2003)

(30) 60/496,180 **18 Aug/août 2003** US
(18.08.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • METHODS TO INDIVIDUALIZE COMBINATION THERAPY
• PROCEDES DESTINES A INDIVIDUALISER LES TRAITEMENTS COMBINES

(71) **CELATOR TECHNOLOGIES INC.** [CA/CA]; 604 West Broadway, Suite 200, Vancouver, B.C. V5Z 1G1 (CA).
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(72, 75) **JANOFF, Andrew, S.** [US/US]; 560 Countess Drive, Yardley, PA 19067 (US).
MAYER, Lawrence [CA/CA]; 2416 Carmaria Court, North Vancouver, B.C. V7J 3M4 (CA).
BALLY, Marcel [CA/CA]; 1055 Harding Road, Bowen Island, B.C. (CA).

(74) **ZACHOW, Karen, R.** 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/50

(11) **WO 2004/090538** (13) A2

(21) PCT/US2004/010412

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) en (26) en

(30) 60/460,182 **3 Apr/avr 2003** US
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • PROCESS FOR FORMING UNIFORMLY DISTRIBUTED MATERIAL
• PROCEDE DE FORMATION DE MATERIAU UNIFORMEMENT REPARTI

(71) **E.I. DUPONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

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(72, 75) **ARMANTROUT, Jack, Eugene** [US/US]; 7415 Cheltenham Drive, Richmond, VA 23235 (US).
MANRING, Lewis, Edward [US/US]; 906 General Wayne Drive, West Chester, PA 19382 (US).
MARIN, Robert, Anthony [US/US]; 14601 Gildensborough Drive, Midlothian, VA 23113 (US).
MARSHALL, Larry, R. [US/US]; 11318 Laurel Cove Lane, Chesterfield, VA 23838 (US).

(74) **STEINBERG, Thomas, W.**; E. I. DU PONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/50, 33/68

(11) **WO 2004/090539** (13) A2

(21) PCT/US2004/009865

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 10/404,512 **1 Apr/avr 2003** US
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • METHODS OF DETERMINING EFFICACY OF TREATMENTS OF INFLAMMATORY DISEASES OF THE BOWEL
• METHODES PERMETTANT D'EVALUER L'EFFICACITE DE

TRAITEMENTS CONTRE LES MALADIES INFLAMMATOIRES DE L'INTESTIN

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, Ohio 45202 (US).
ALIMENTARY HEALTH LTD. [IE/IE]; Simla Villa, Passage West, County Cork (IE).

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(72, 75) **CHEN, Ker-Sang** [US/US]; 8294 Eagle Ridge Drive, West Chester, Ohio 45069 (US).
COLLINS, John, Kevin [IE/IE]; Spur Hill, Doughcloyne, Cork (IE).
KIELY, Barry, Pius [IE/IE]; Simla Villa, Passage West, Cork (IE).
LUO, Fangi [US/US]; 9270 Nottingham Way, Mason, Ohio 45069 (US).
O'MAHONY, Liam, Diarmuid [IE/IE]; 41 Maryville Estate, Ballintemple, Cork (IE).
PHILLIPSON, Ross, Peter [GB/GB]; 21 Field Lane, Teddington Middlesex TW11 9AW (GB).
SHANAHAN, Fergus [IE/IE]; Seafort, Fort Cliff, Kinsale, Cork (IE).

(74) **THE PROCTER & GAMBLE COMPANY**; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, Ohio 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/53, 37/00, 33/547

(11) **WO 2004/090540** (13) A1

(21) PCT/JP2004/004175

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) ja (26) ja

(30) 2003-104928 **9 Apr/avr 2003** JP
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • METHOD OF FIXING LOW-MOLECULAR COMPOUND TO SOLID-PHASE SUPPORT
• PROCEDE POUR FIXER UN COMPOSE A FAIBLE POIDS MOLECULAIRE A UN SUPPORT EN PHASE SOLIDE

(71) **RIKEN** [JP/JP]; 2-1, Hirosawa, Wako-shi, Saitama 3510198 (JP).

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(72, 75) **OSADA, Hiroyuki** [JP/JP]; c/o Riken, 2-1, Hirosawa, Wako-shi, Saitama 3510198 (JP).
KANO, Naoki [JP/JP]; c/o Riken, 2-1, Hirosawa, Wako-shi, Saitama 3510198 (JP).

(74) **NOMURA, Kenichi** et al. / etc.; Nohki-kaikan Fourth Floor, 30-1, Tsuruya-cho 3-chome, Kanagawa-ku, Yokohama-shi, Kanagawa 2210835 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01N 33/53, 33/50, 33/15, A61K 45/00, 31/353, A61P 9/00, 9/10, 25/00, 25/28, 35/00, 37/08
- (11) WO 2004/090541 (13) A1
- (21) PCT/JP2004/004772
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) ja (26) ja
- (30) 2003-097652 1 Apr/avr 2003 JP (01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD OF SCREENING DRUG WITH THE USE OF 67 kDa LAMININ RECEPTOR AND DRUG OBTAINED THEREBY
- METHODE DE CRIBLAGE DE MEDICAMENT AU MOYEN DU RECEPTEUR DE LAMININE 67 KDA ET MEDICAMENT AINSI OBTENU
- (71) MITSUBISHI PHARMA CORPORATION [JP/JP]; 6-9, Hiranomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 5410046 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) TACHIBANA, Hirofumi [JP/JP]; 7-8, Kashihama 4-chome, Higashi-ku, Fukuoka-shi, Fukuoka 8130016 (JP).
- (74) TAKAYANAGI, Masau; MITSUBISHI PHARMA CORPORATION, Intellectual Property Department, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 1038405 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 33/53, 37/00, C07K 17/08
- (11) WO 2004/090542 (13) A1
- (21) PCT/JP2004/005150
- (22) 9 Apr/avr 2004 (09.04.2004)
- (25) ja (26) ja
- (30) 2003-106450 10 Apr/avr 2003 JP (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROTEIN ARRAY AND PROCESS FOR PRODUCING THE SAME
- JEU ORDONNE D'ECHANTILLONS DE PROTEINES ET METHODE DE PRODUCTION ASSOCIEE
- (71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigascki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).
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- (72, 75) IWAKURA, Masahiro [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 6, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8566 (JP). HIROTA, Kiyonori [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 6, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki, 3058566 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 33/542, C07D 519/00
- (11) WO 2004/090543 (13) A1
- (21) PCT/GB2004/001502
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 0308018.1 7 Apr/avr 2003 GB (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ASSAY METHOD
- DOSAGE FLUORESCENT DESTINE A DES COMPOSES SE LIANT AU CENTRE RIBOSOMAL DE LA PEPTIDYL TRANSFERASE
- (71) VERNALIS (CAMBRIDGE) LIMITED [GB/GB]; Oakdean Court, 613 Reading Road, Winnersh, Wokingham RG41 5UA (GB).
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- (72, 75) MATASSOVA, Natalia [RU/GB]; Vernalis (Cambridge) Ltd, Oakdean Court, 613 Reading Road, Winnersh, Wokingham RG41 5UA (GB). WILLIAMSON, Douglas [—/GB]; Vernalis (Cambridge) Ltd, Oakdean Court, 613 Reading Road, Winnersh, Wokingham RG41 5UA (GB).
- (74) WALLS, Alan, James; Vernalis (Cambridge) Ltd, Oakdean Court, 613 Reading Road, Winnersh, Wokingham RG41 5UA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 33/569
- (11) WO 2004/090544 (13) A2
- (21) PCT/CA2004/000544
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) en (26) en
- (30) 60/461,137 9 Apr/avr 2003 US (09.04.2003)
- (30) 60/506,779 30 Sep/sep 2003 US (30.09.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DETECTION, CHARACTERIZATION AND TREATMENT OF VIRAL INFECTION AND METHODS THEREOF
- DETECTION, CARACTERISATION ET TRAITEMENT D'INFECTIONS VIRALES, ET PROCÉDES ASSOCIÉS
- (71) CANADIAN BLOOD SERVICES [CA/CA]; 1800 Alta Vista Drive, Ottawa, Ontario K1G 4J5 (CA).
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- (72, 75) HU, Yu-Wen [CA/CA]; 79F Glen Park Drive, Ottawa, Ontario K1B 3Z1 (CA). BROWN, Earl [CA/CA]; 71 Sunnycrest Drive, Ottawa, Ontario K2E 5Y6 (CA).
- (74) OGILVY RENAULT; Suite 1600, 1981 McGill College Avenue, Montreal, Québec H3A 2Y3 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 33/574
- (11) WO 2004/090545 (13) A2
- (21) PCT/EP2004/003877
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) en (26) en
- (30) 60/462,723 14 Apr/avr 2003 US (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHODS FOR TREATING PROLIFERATIVE DISEASES AND FOR MONITORING THE EFFECTIVENESS

OF TREATMENT OF PROLIFERATIVE DISEASES

- METHODES DE TRAITEMENT DE MALADIES PROLIFERATIVES ET DE SURVEILLANCE DE L'EFFICACITE DU TRAITEMENT DE MALADIES PROLIFERATIVES

(71) **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).
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(71) **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)

(72, 75) **HU, Ping** [CN/US]; 11 Lewis Avenue, 2nd Floor, Summit, NJ 07901 (US). **WANG, Yingqi, Karen** [US/US]; 16 Heritage Drive, East Hanover, NJ 07936 (US). **BATT, David, Bryant** [US/US]; 33 Campbell Road, Wayland, MA 01778 (US).

(74) **GRUBB, Philip**; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/574, 33/74, 33/68

(11) **WO 2004/090546** (13) A1

(21) PCT/EP2004/000806

(22) **29 Jan/jan 2004 (29.01.2004)**

(25) de (26) de

(30) 103 16 583.5 **10 Apr/avr 2003 DE (10.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

- IDENTIFYING A MIDREGIONAL PROADRENOMEDULLIN PARTIAL PEPTIDE IN BIOLOGICAL LIQUIDS FOR DIAGNOSTIC PURPOSES, AND IMMUNOASSAYS FOR CONDUCTING AN IDENTIFICATION OF THIS TYPE

- MISE EN EVIDENCE D'UN PEPTIDE PARTIEL PROADRENOMEDULLINE A REGION MOYENNE DANS DES LIQUIDES BIOLOGIQUES, A DES FINS DIAGNOSTIQUES ET DOSAGES IMMUNOLOGIQUES UTILISES POUR EFFECTUER UNE MISE EN EVIDENCE DE CE TYPE

(71) **B.R.A.H.M.S AKTIENGESELLSCHAFT** [DE/DE]; Neuendorfsstrasse 25, 16761 Hennigsdorf (DE).
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(72, 75) **BERGMANN, Andreas** [DE/DE]; Baumläuferweg 47, 12351 Berlin (DE). **STRUCK, Joachim** [DE/DE]; Holsteinische Strasse 28, 12161 Berlin (DE).

(74) **ANDRAE, Steffen et al.** / etc.; Andrae Flach Haug, Balanstrasse 55, 81541 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/574

(11) **WO 2004/090547** (13) A2

(21) PCT/US2004/010465

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 60/460,892 **4 Apr/avr 2003 US (04.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

- METASTATIC COLORECTAL CANCER SIGNATURES

- SIGNATURES DU CANCER COLORECTAL METASTATIQUE

(71) **PROTEIN DESIGN LABS, INC.** [US/US]; 34801 Campus Drive, Fremont, CA 94555 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILSON, Kieth, E.** [US/US]; 219 Jeter Street, Redwood City, CA 94062 (US). **RAO, Sunil, J.** [US/US]; 474 Woodsworth Court, Richmond Heights, OH 44143 (US). **MARKOWITZ, Sandy** [US/US]; 28950 Bolingbrook Road, Pepper Pike, OH 44124 (US). **GHANDOUR, Ghassan** [US/US]; 73 Palmer Lane, Atherton, CA 94027 (US).

(74) **HALLUIN, Albert, P. et al.** / etc.; Howrey Simon Arnold & White, Box 34, 301 Ravenswood Avenue, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/68, 33/543, C12Q 1/00, C07K 2/00

(11) **WO 2004/090548** (13) A1

(21) PCT/CN2004/000203

(22) **15 Mar/mar 2004 (15.03.2004)**

(25) zh (26) zh

(30) 03117446.9 **13 Mar/mar 2003 CN (13.03.2003)**

(30) 03117787.5 **30 Apr/avr 2003 CN (30.04.2003)**

(30) PCT/CN04/00077 **20 Jan/jan 2004 CN (20.01.2004)**

(43) 21 Oct/oct 2004 (21.10.2004)

- DEVICE FOR ANALYSIS OR SEPARATION CONTAINING AN ACTIVE NANOSTRUCTURED CARRIER, ITS PREPARATION METHOD AND APPLICATIONS

- DISPOSITIF D'ANALYSE OU DE SEPARATION CONTENANT UN SUPPORT NANOSTRUCTURE, SON PROCEDE DE PREPARATION ET SES APPLICATIONS

(71) **CHENGDU KUACHANG MEDICAL INDUSTRIAL LIMITED** [CN/CN]; Doctor Pioneer Park No.5, Gaopeng Road, Hi-tech Development Zone, Chengdu, Sichuan 610041 (CN). **CHENGDU KUACHANG SCIENCE & TECHNOLOGY CO., LTD** [CN/CN]; No.1, Tong Zi Lin Middle Rd., Chengdu, Sichuan 610041 (CN).

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(72, 75) **ZOU, Fanglin** [CN/CN]; 1-4-12, No.64, Yu Lin South Rd., Gao Xin District, Chengdu, Sichuan 610000 (CN). **CHEN, Chunsheng** [CN/CN]; 13-1-4, No.63, Long Zhou Rd., Jinjiang District, Chengdu, Sichuan 610000 (CN). **CHEN, Ning** [CN/CN]; 415 Room, 230# Jiujianglu, Huangpu District, Shanghai (CN). **WANG, Jianxia** [CN/CN]; 3-2-2, No.6, Sha Hu Hang South Section, Meishan, Sichuan 610063 (CN).

(74) **NTD PATENT & TRADEMARK AGENCY LIMITED**; 10th Floor Block A, Investment Plaza, 27, Jinrongdajie, Beijing 100032 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/68

(11) **WO 2004/090549** (13) A1

(21) PCT/DK2004/000246

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) en (26) en

(30) PA 2003 00577 **11 Apr/avr 2003 DK (11.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

- METHOD OF SCREENING FOR SECRETED GLYCOSYLATED POLYPEPTIDES

- PROCEDE DE CRIBLAGE POUR DES POLYPEPTIDES GLYCOSYLES SECRETES

(71) **NOVOZYMES A/S** [DK/DK]; Krogshøjvej 36, Bagsværd, 2880 (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHNORR, Kirk, Matthew** [US/DK]; Søllerødgårdsvej 38, Holte, 2840 (DK).

(74) **NOVOZYMES A/S**; Krogshøjvej 36, Bagsværd, 2880 (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/68

(11) **WO 2004/090550** (13) A2

(21) PCT/DK2004/000263

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) PA 2003 00541 8 Apr/avr 2003 DK (08.04.2003)

(30) PA 2003 01085 16 Jul/juil 2003 DK (16.07.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A METHOD FOR DETECTION OF COLORECTAL CANCER IN HUMAN SAMPLES

• PROCEDE DE DETECTION D'UN CANCER COLORECTAL DANS DES ECHANTILLONS HUMAINS

(71) **COLOTECH A/S** [DK/DK]; Fruebjergvej 3, DK-2100 Copenhagen Ø (DK).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **RASKOV, Hans, Henrik** [DK/DK]; Birkehoj 8, DK-2900 Hellerup (DK).

(72, 75) **ALBRETHSEN, Jacob** [DK/DK]; Istedgade 98, 4. tv., DK-1650 Copenhagen V (DK). **GAMMELTOFT, Steen** [DK/DK]; Gammel Strand 40, DK-1202 Copenhagen K (DK). **BØGEBØ, Rikke, Maria** [DK/DK]; Rundholmen 2, 1. th., DK-2720 Vanløse (DK).

(74) **PLOUGMANN & VINGTOFT A/S**; Sundkrogsvej 9, P.O. Box 831, DK-2100 Copenhagen Ø (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/68

(11) **WO 2004/090551** (13) A2

(21) PCT/EP2004/003737

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 60/461,558 8 Apr/avr 2003 US (08.04.2003)

(30) 60/461,623 8 Apr/avr 2003 US (08.04.2003)

(30) 60/471,479 16 May/mai 2003 US (16.05.2003)

(30) 60/474,863 30 May/mai 2003 US (30.05.2003)

(30) 60/484,140 30 Jun/juin 2003 US (30.06.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SECRETED POLYPEPTIDE SPECIES ASSOCIATED WITH CARDIOVASCULAR DISORDERS

• ESPECES DE POLYPEPTIDES SECRETES ASSOCIEES A DES TROUBLES CARDIO-VASCULAIRES

(71) **GENOVA, LTD.**; Canon's Court, 22 Victoria Street, Hamilton, HM12 (BM).

(for all designated States except / pour tous les États désignés sauf US)

(71) **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, I-1230 Vienna (AT).

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(72, 75) **ARGOUD-PUY, Guilaine** [FR/CH]; c/o GeneProt, Inc., 2, Pre-de-la-Fontaine, 1217 Meyrin (CH). **BEDERR, Nassima** [FR/CH]; c/o GeneProt, Inc., 2, Pre-de-la-Fontaine, CH-1217 Meyrin (CH). **BOUGUELERET, Lydie** [FR/CH]; c/o GeneProt, Inc., 2, Pre-de-la-Fontaine, CH-1217 Meyrin (CH). **CUSIN, Isabelle** [FR/CH]; c/o GeneProt, Inc., 2, rue Pre-de-la-Fontaine, CH-1217 Meyrin (CH). **MAHE, Eve** [FR/CH]; c/o GeneProt, Inc., 2, Pre-de-la-Fontaine, CH-1217 Meyrin (CH). **NIKNEJAD, Anne** [CH/CH]; c/o GeneProt, Inc., 2, Pre-de-la-Fontaine, CH-1217 Meyrin (CH). **REFFAS, Samia** [CH/CH]; c/o GeneProt, Inc., 2, Pre-de-la-Fontaine, CH-1217 Meyrin (CH).

(74) **GRUBB, Philip**; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/72

(11) **WO 2004/090552** (13) A1

(21) PCT/GB2004/001528

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 0308202.1 9 Apr/avr 2003 GB (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SCREENING METHOD FOR PROTEIN VARIANTS USING MASS SPECTROMETRY

• PROCEDE DE CRIBLAGE DE VARIANTES DE PROTEINES PAR SPECTROMETRIE DE MASSE

(71) **KING'S COLLEGE LONDON** [GB/GB]; Strand, London WC2R 2LS (GB). **GUY'S AND ST. THOMAS' NATIONAL HEALTH SERVICE TRUST** [GB/GB]; Guy's Hospital, St Thomas' street, London SE1 9RT (GB).

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(72, 75) **DALTON, Raymond, Neil** [GB/GB]; 3 Bickmore Way, Tonbridge, Kent TN9 1ND (GB). **TURNER, Charles** [GB/GB]; 15 Shearman Road, London SE3 9HY (GB).

(74) **WILLIAMS, Powell**; Morley House, 26-30 Holborn Viaduct, London EC1A 2BP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/78

(11) **WO 2004/090553** (13) A1

(21) PCT/CA2004/000555

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 60/462,745 14 Apr/avr 2003 US (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • THYROID HORMONE ANALYSIS BY MASS SPECTROMETRY

• ANALYSE D'HORMONES THYROÏDIENNES PAR SPECTROMÉTRIE DE MASSE

(71) **MDS INC., dba MDS SCIEX** [CA/CA]; 71 Four Valley Drive, Concord, Ontario L4K 4V8 (CA).

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(72, 75) **SOLDIN, Steven, J.** [US/US]; 6308 Wallhonding Road, Bethesda, Maryland 20816 (US).

- (74) **TORYS LLP et al.** / etc.; Suite 3000, 79 Wellington Street West, Box 270, TD Centre, Toronto, Ontario M5K 1N2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 33/92**
- (11) **WO 2004/090554** (13) A1
- (21) PCT/NL2004/000241
- (22) **9 Apr/avr 2004 (09.04.2004)**
- (25) en (26) en
- (30) 10/410,684 **10 Apr/avr 2003 US (10.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **METHOD FOR DETERMINING AND/OR ISOLATING LIPID-BINDING COMPOUNDS**
- **METHODE POUR DETERMINER ET/OU POUR ISOLER DES COMPOSES A LIAISON LIPIDIQUE**
- (71) **IP RANDWIJCK B.V.** [NL/NL]; c/o Amtec Maastricht B.V., P.O. Box 5800, NL- 6202 AZ Maastricht (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **REUTELINGSBERGER, Chris** [NL/NL]; c/o Amtec Maastricht B.V., P.O. Box 5800, NL- 6202 AZ Maastricht (NL).
- (74) **VAN WESTENBRUGGE, Adries et al.**; Nederlandsch Octroobureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 33/92, 33/52, B01D 39/00, 39/20**
- (11) **WO 2004/090555** (13) A1
- (21) PCT/US2004/010001
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) en (26) en
- (30) 60/460,079 **2 Apr/avr 2003 US (02.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **ADHERED MEMBRANES RETAINING POROSITY AND BIOLOGICAL ACTIVITY IN ASSAY DEVICE FOR MEASURING SERUM CHOLESTEROL ASSOCIATED WITH HIGH-DENSITY LIPOPROTEINS**
- **MEMBRANES ADHERENTES CONSERVANT UNE POROSITE ET UNE ACTIVITE BIOLOGIQUE DANS UN DISPOSITIF D'ESSAI CONÇU POUR MESURER LE CHOLESTEROL SERIQUE ASSOCIE A DES LIPOPROTEINES HAUTE DENSITE**
- (71) **CHOLESTECH CORPORATION** [US/US]; 3347 Investment Boulevard, Hayward, CA 94545-3808 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JONES, Ronald, M.** [US/US]; 13175 Franklin Avenue, Mountain View, CA 94040 (US).
- (74) **MAHONEY, Jacqueline, F. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁶ **G01P 15/12**
- (11) **WO 2004/090556** (13) A1
- (21) PCT/JP1997/004101
- (22) **11 Nov/nov 1997 (11.11.1997)**
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **SILICON INTEGRATED ACCELERATION SENSOR**
- **CAPTEUR D'ACCELERATION INTEGRE EN SILICIUM**
- (71, 72) **ISHIDA, Makoto** [JP/JP]; 1-13-3, Noyoridai, Toyohashi-shi, Aichi, 441 (JP). **MATSUMOTO, Yoshinori** [JP/JP]; #2-204, 1-3, Uehara, Ohgasaki-cho., Toyohashi-shi, Aichi, 441 (JP). **TAKAO, Hidekuni** [JP/JP]; #2-E, 20-4, Togo, Hashira-cho., Toyohashi-shi, Aichi, 441 (JP).
- (74) **TANI, Yoshikazu**; Suite 300, 6th Seiko Building, 1-31, Akasaka 5-chome, Minato-ku, Tokyo 107 (JP).
- (81) US.
- Published / Publiée : (e): 27Jan/jan 2004 (27.01.2004), 6683358
-
- (51)⁷ **G01R**
- (11) **WO 2004/090557** (13) A2
- (21) PCT/US2004/010184
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) en (26) en
- (30) 60/459,490 **1 Apr/avr 2003 US (01.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **ABNORMAL PRESSURE DETERMINATION USING NUCLEAR MAGNETIC RESONANCE LOGGING**
- **DETERMINATION D'UNE PRESSION ANORMALE AU MOYEN DE DIAGNOSTICS DE RESONANCE MAGNETIQUE NUCLEAIRE**
- (71) **HALLIBURTON ENERGY SERVICES, INC.** [US/US]; 3000 N. Sam Houston Parkway E., J3-W36, Houston, TX 77032 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SIESS, Charles, Preston** [US/US]; 3000 N. Sam Houston Parkway E., J3-W36, Houston, TX 77032 (US). **SYNGAEVSKY, Pavel** [US/US]; 3000 N. Sam Houston Parkway E., J3-W36, Houston, TX 77032 (US).
- (74) **SHENTOV, Ognjan, V. et al.** / etc.; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01R 1/073**
- (11) **WO 2004/090558** (13) A2
- (21) PCT/US2004/009774
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) en (26) en
- (30) 60/459,019 **31 Mar/mar 2003 US (31.03.2003)**
- (30) 10/813,362 **30 Mar/mar 2004 US (30.03.2004)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **TEST HEAD POSITIONING SYSTEM AND METHOD**
- **SYSTEME ET PROCEDE POUR LE POSITIONNEMENT D'UNE TETE D'ESSAI**
- (71) **INTEST IP CORP.** [US/US]; 7 Esterbrook Lane, Cherry Hill, NJ 08003 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MUELLER, Christian** [DE/DE]; Arnulfstrasse 53, 83026 Rosenheim (DE).

- (74) **ASHERY, Lawrence, E.**; RatnerPrestia, P.O. Box 980, Valley Forge, PA 19482 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **G01R 31/26**
- (11) **WO 2004/090559** (13) A1
- (21) PCT/US2004/010208
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) en (26) en
- (30) 60/460,502 **4 Apr/avr 2003** US (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PERFORMANCE MONITOR FOR A PHOTOVOLTAIC SUPPLY
- CONTROLEUR DE PERFORMANCE POUR ALIMENTATION PHOTOVOLTAIQUE
- (71) **BP CORPORATION NORTH AMERICA INC.** [US/US]; 4101 Winfield Road, Warrenville, IL 60555 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WARFIELD, Donald, B.** [US/US]; 16531 A.E. Mullinix Road, Woodbine, MD 21797 (US). **GARVISON, Paul** [US/US]; 335 East Third Street, Frederick, MD 21701 (US).
- (74) **GABALA, James, A.**; BP America Inc., BP Legal, 4101 Winfield Road, Mail Code 5 East, Warrenville, IL 60555 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ **G01R 31/28, 1/073, 31/04**
- (11) **WO 2004/090560** (13) A2
- (21) PCT/GB2004/001523
- (22) **8 Apr/avr 2004 (08.04.2004)**
- (25) en (26) en
- (30) 0308550.3 **10 Apr/avr 2003** GB (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • IMPROVEMENTS TO AN AUTOMATIC TEST MACHINE
- AMELIORATIONS APORTEES A UNE MACHINE D'ESSAI AUTOMATIQUE
- (71, 72) **BARKER, Colin** [GB/GB]; Great Tidnock Farm, Tidnock Lane, Gawsworth, Cheshire SK11 9JD (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ **G01R 31/3181**
- (11) **WO 2004/090561** (13) A1
- (21) PCT/JP2004/004769
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) ja (26) ja
- (30) 2003-101351 **4 Apr/avr 2003** JP (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CONNECTION UNIT, TEST HEAD, AND TEST DEVICE
- UNITE DE CONNEXION, TETE D'ESSAI ET DISPOSITIF D'ESSAI
- (71) **ADVANTEST CORPORATION** [JP/JP]; 1-32-1, Asahi-cho, Nerima-ku, Tokyo 1790071 (JP).
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- (72, 75) **SHIBUYA, Atsunori** [JP/JP]; c/o Advantest Corporation, 1-32-1, Asahi-cho, Nerima-ku, Tokyo 1790071 (JP). **HOSHINO, Masashi** [JP/JP]; c/o Advantest Corporation, 1-32-1, Asahi-cho, Nerima-ku Tokyo 1790071 (JP).
- (74) **RYUKA, Akihiro**; 6F, Toshin Building, 24-12, Shinjuku 1-chome, Shinjuku-ku, Tokyo 1600022 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **G01R 31/3183**
- (11) **WO 2004/090562** (13) A1
- (21) PCT/JP2004/004527
- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) ja (26) ja
- (30) 10/403,817 **31 Mar/mar 2003** US (31.03.2003)
- (30) 10/404,002 **31 Mar/mar 2003** US (31.03.2003)
- (30) PCT/JP04/001648 **16 Feb/fév 2004** JP (16.02.2004)
- (30) PCT/JP04/001649 **16 Feb/fév 2004** JP (16.02.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • TEST EMULATION DEVICE, TEST MODULE EMULATION DEVICE, AND RECORDING MEDIUM RECORDED WITH PROGRAMS FOR THE DEVICES
- DISPOSITIF D'EMULATION D'ESSAI, DISPOSITIF D'EMULATION DE MODULE D'ESSAI ET SUPPORT D'ENREGISTREMENT COMPORTANT DES PROGRAMMES ENREGISTRES, POUR LESDITS DISPOSITIFS
- (71) **ADVANTEST CORPORATION** [JP/JP]; 1-32-1, Asahi-cho Nerima-ku Tokyo, 1790071 (JP).
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- (72, 75) **HIGASHI, Shinsaku** [JP/JP]; c/o ADVANTEST CORPORATION 1-32-1, Asahi-cho, Nerima-ku Tokyo, 1790071 (JP). **ICHIYOSHI, Seiji** [JP/JP]; c/o ADVANTEST CORPORATION 1-32-1, Asahi-cho, Nerima-ku Tokyo, 1790071 (JP). **PRAMANICK, Ankan** [US/JP]; c/o ADVANTEST CORPORATION 1-32-1, Asahi-cho Nerima-ku Tokyo, 1790071 (JP). **ELSTON, Mark** [US/JP]; c/o ADVANTEST CORPORATION 1-32-1, Asahi-cho Nerima-ku Tokyo, 1790071 (JP). **CHEN, Leon** [US/JP]; c/o ADVANTEST CORPORATION 1-32-1, Asahi-cho Nerima-ku Tokyo, 1790071 (JP). **SAUER, Robert** [US/JP]; c/o ADVANTEST CORPORATION 1-32-1, Asahi-cho Nerima-ku Tokyo, 1790071 (JP). **KRISHNASWAMY, Ramachandran** [US/JP]; c/o ADVANTEST CORPORATION 1-32-1, Asahi-cho Nerima-ku Tokyo, 1790071 (JP). **SINGH, Harsanjeet** [US/JP]; c/o ADVANTEST CORPORATION 1-32-1, Asahi-cho Nerima-ku Tokyo, 1790071 (JP). **ADACHI, Toshiaki** [JP/JP]; c/o ADVANTEST CORPORATION 1-32-1, Asahi-cho Nerima-ku Tokyo, 1790071 (JP). **TAHARA, Yoshihumi** [JP/JP]; c/o ADVANTEST CORPORATION 1-32-1, Asahi-cho Nerima-ku Tokyo, 1790071 (JP).
- (74) **RYUKA, Akihiro**; 6F, Toshin Building 24-12, Shinjuku 1-chome, Shinjuku-ku, Tokyo, 1600022 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01R 33/46

(11) WO 2004/090563 (13) A1

(21) PCT/EP2004/003864

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 0308586.7 14 Apr/avr 2003 GB (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MULTIDIMENSIONAL NMR SPECTROSCOPY OF A HYPERPOLARIZED SAMPLE

• SPECTROSCOPIE RMN MULTIDIMENSIONNELLE D'UN ECHAN-TILLON HYPERPOLARISE

(71) AMERSHAM HEALTH R & D AB [SE/SE]; Medeon, Per Albin Hanssons vag 41, S-205 12 Malmo (SE).

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(72, 75) SERVIN, Rolf [SE/SE]; Amersham Health R & D AB, Medeon, Per Albin Hanssons vag 41, S-204 12 Malmo (SE). ARDENKJAER-LARSEN, Jan, Henrik [DK/DK]; Amersham Health R & D AB, Medeon, Per Albin Hanssons vag 41, S-205 12 Malmo (SE). JOHANNESSON, Haukur [IS/SE]; Amersham Health R & D AB, Medeon, Per Albin Hanssons vag 41, S-205 12 Malmo (SE). GOLDMAN, Maurice [FR/FR]; 6 Residence de Villebon, F-91140 Villebon sur Yvette (FR). WOLBER, Jan [DK/DE]; Amersham Health R & D AB, Medeon, Per Albin Hanssons vag 41, S-205 12 Malmo (SE).

(74) CANNING, Lewis, Reuben et al. / etc.; Amersham plc, Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01R 33/563

(11) WO 2004/090564 (13) A1

(21) PCT/IB2004/050397

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 03100995.4 14 Apr/avr 2003 EP (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM AND METHOD FOR DETECTING FIBRE TRACTS

• SYSTEME ET METHODE DE DETECTION DE TRAJETS DE FIBRES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) VAN MUISWINKEL, Arienne, M., C. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HOLTHUIZEN, Ronaldus, F., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HOOGENRAAD, Frank, G., C. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) COHEN, Julius, S.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G01R 33/565

(11) WO 2004/090565 (13) A1

(21) PCT/IB2004/050394

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 03100997.0 14 Apr/avr 2003 EP (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MAGNETIC RESONANCE IMAGING WITH HISTOGRAM-BASED PHASE CORRECTION

• MAGNETIC RESONANCE IMAGING WITH HISTOGRAM-BASED PHASE CORRECTION

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) MENS, Wilhelmus, R., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) COHEN, Julius, S.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G01S

(11) WO 2004/090566 (13) A2

(21) PCT/US2004/009975

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/404,193 1 Apr/avr 2003 US (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • APPROACH RADAR WITH ARRAY ANTENNA SAVING ROWS AND COLUMNS SKEWED RELATIVE TO THE HORIZONTAL

• RADAR D'APPROCHE EQUIPE D'UNE ANTENNE RESEAU COMPRENANT DES LIGNES ET DES COLONNES OBLIQUES PAR RAPPORT A L'HORIZONTALE

(71) LOCKHEED MARTIN CORPORATION [US/US]; P.O. Box 4847, EP-7 RM-123 MD44, Syracuse, NY 13221 (US).

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(72, 75) WASIEWICZ, Richard [US/US]; 559 Gatehouse Road North, Tully, NJ 13159 (US).

(74) DUANE MORRIS LLP; 100 College Road West, Suite 100, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

- SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ G01S 3/74, 3/48
- (11) WO 2004/090567 (13) A1
- (21) PCT/GB2004/001500
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 0308265.8 10 Apr/avr 2003 GB
(10.04.2003)
- (30) 03252273.2 10 Apr/avr 2003 EP
(10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • INTERFEROMETERS
• INTERFEROMETRES
- (71) BAE SYSTEMS PLC [GB/GB]; 6 Carlton
Gardens, London SW1Y 5AD (GB).
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les États désignés sauf US)*
- (72, 75) COOPER, Robert, David [GB/GB];
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HA7 4LY (GB). COOPER, Alexis, Mark
[GB/GB]; BAE SYSTEMS Avionics Lim-
ited, The Grove, Warren Lane, Stanmore,
Middlesex HA7 4LY (GB).
- (74) BAE SYSTEMS PLC; Intellectual Property
Department, Lancaster House, P.O. Box 87,
Farnborough Aerospace Centre, Farnbor-
ough, Hampshire GU14 6YU (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ G01S 17/36
- (11) WO 2004/090568 (13) A1
- (21) PCT/NZ2004/000070
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 525241 8 Apr/avr 2003 NZ
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • RANGE SENSING SYSTEM
• SYSTEME TELEMETRIQUE
- (71) THE UNIVERSITY OF WAIKATO
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ber), Hamilton, 2001 (NZ).
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- (72, 75) DORRINGTON, Adrian, Andrew
[NZ/NZ]; 48c Paterson Street, Dinsdale,
Hamilton, 2001 (NZ).
- (74) MURPHY, Simon, J et al. / etc.; Private Bag
3140, Level 12, KPMG Centre, 85 Alexandra
Street, Hamilton, 2001 (NZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ G01S 17/89, B60Q 1/48
- (11) WO 2004/090569 (13) A1
- (21) PCT/EP2004/050494
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) de (26) de
- (30) 03100962.4 10 Apr/avr 2003 EP
(10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PARKING AID FOR A VEHICLE
• DISPOSITIF D'ASSISTANCE PERMET-
TANT D'AIDER UN VEHICULE A SE
GARER
- (71) IEE INTERNATIONAL ELECTRONICS
& ENGINEERING S.A. [LU/LU]; Zone In-
dustrielle, L-6468 ECHTERNACH (LU).
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les États désignés sauf US)*
- (72, 75) BECKER, Guido [DE/DE]; Saarstrasse
18, 66679 Losheim am See (DE).
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- (74) BEISSEL, Jean et al. / etc.; Office Ernest
T. Freylinger S.A., B.P. 48, L-8001 Strassen
(LU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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- (51)⁷ G01T
- (11) WO 2004/090570 (13) A2
- (21) PCT/EP2004/003666
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 2003/2684 7 Apr/avr 2003 ZA
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SENSING DEVICE FOR SENSING A
PHYSICAL PARAMETER
• DISPOSITIF SERVANT A DETECTER
UN PARAMETRE PHYSIQUE
- (71) MICROSYSTEMS ON SILICON (PTY)
LTD. [ZA/ZA]; Glen Gables (Retail & Office
Park), Cnr. Louis Botha & Lynnwood Rd.,
0040 Lynnwood Ridge (ZA).
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les États désignés sauf US)*
- (72, 75) SUNTKEN, Artur, Wilhelm [DE/ZA];
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- (74) HILLERINGMANN, Jochen et al. / etc.;
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- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ G01T 1/20
- (11) WO 2004/090571 (13) A1
- (21) PCT/JP2004/004590
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) ja (26) ja
- (30) 2003-106277 10 Apr/avr 2003 JP
(10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • RADIATION DETECTOR
• DETECTEUR DE RAYONNEMENT
- (71) JAPAN SCIENCE AND TECHNOL-
OGY AGENCY [JP/JP]; 4-1-8, Honcho,
Kawaguchi-shi, Saitama 3320012 (JP).
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- (72, 75) SHIBUYA, Kengo [JP/JP]; 3-40-8,
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Chiba 2710044 (JP). SAITO, Haruo
[JP/JP]; 2-5-6-905, Higashi-shinagawa,
Shinagawa-ku, Tokyo 1400002 (JP). ASAI,
Keisuke [JP/JP]; 35-10-107, Kawauchi-Mo-
tohasekura -, Aoba-ku, Sendai-shi, Miyagi
9800861 (JP).

(74) **SHIMODA, Akira**; 4kai, Kyobashi-Nichiei Biru, 3-4, Kyobashi 3-chome, Chuo-ku, Tokyo 1040031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01T 1/202, 1/164

(11) WO 2004/090572 (13) A1

(21) PCT/ES2004/070020

(22) 7 Apr/avr 2004 (07.04.2004)

(25) es (26) es

(30) P 200300861 10 Apr/avr 2003 ES (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • GAMMA RAY DETECTOR WITH INTERACTION DEPTH CODING

• DETECTEUR DE RAYONS GAMMA PERMETTANT DE CALCULER LA PROFONDEUR D'INTERACTION

(71) **CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS** [ES/ES]; Serrano, 117, E-28006 Madrid (ES). **UNIVERSIDAD DE VALENCIA** [ES/ES]; Avda. Vicente Blasco Ibañez, 13, E-46023 Valencia (ES). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BENLLOCH BAVIERA, José, María** [ES/ES]; INSTITUTO DE FÍSICA CORPUSCULAR, CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS, Apartado de correos 22085, E-46071 Valencia (ES). **SÁNCHEZ MARTÍNEZ, Filomeno** [ES/ES]; INSTITUTO DE FÍSICA CORPUSCULAR, CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS, Apartado de correos 22085, E-46071 Valencia (ES). **LERCHE, Chistiph** [RO/ES]; INSTITUTO DE FÍSICA CORPUSCULAR, CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS, Apartado de correos 22085, E-46071 VALENCIA (ES). **PAVÓN HERNÁNDEZ, Noriel** [ES/ES]; INSTITUTO DE FÍSICA CORPUSCULAR, CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS, Apartado de correo 22085, E-46071 Valencia (ES). **GIMÉNEZ ÁLVAREZ, Marcos** [ES/ES]; INSTITUTO DE FÍSICA CORPUSCULAR, CONSEJO SUPERIOR DE INVEST. CIENTÍFICAS, Apartado de correos 22085, E-46071 Valencia (ES). **GIMÉNEZ NAVARRO, Eva, Nerina** [ES/ES]; INSTITUTO DE FÍSICA CORPUSCULAR, CONSEJO SUPERIOR DE INVEST. CIENTÍFICAS, Apartado de correos 22085, E-46071 Valencia (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01V

(11) WO 2004/090573 (13) A2

(21) PCT/IL2004/000309

(22) 4 Apr/avr 2004 (04.04.2004)

(25) en (26) en

(30) 10/408,197 7 Apr/avr 2003 US (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • WAVE MIGRATION BY A KRYLOV SPACE EXPANSION OF THE SQUARE ROOT EXPONENT OPERATOR, FOR USE IN SEISMIC IMAGING

• MIGRATION D'ONDES PAR EXPANSION SPATIALE DE KRYLOV DE L'OPERATEUR D'EXPOSANT DE LA RACINE CARREE DANS L'IMAGERIE SISMIQUE

(71) **PARADIGM GEOPHYSICAL (LUXEMBOURG) S.A.R.L.** [LU/LU]; 9, rue Schiller, L-2519 Luxembourg (LU). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TAL-EZER, Hillel** [IL/IL]; 28a Sachlav Street, Ramat Poleg, 42207 Natania (IL).

(74) **G.E. EHRlich (1995) LTD.**; 11 Menachem Begin Street, 52521 Ramat Gan (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01V

(11) WO 2004/090574 (13) A2

(21) PCT/US2004/010380

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 10/407,507 5 Apr/avr 2003 US (05.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OBJECT DETECTION FOR A STOPPED VEHICLE

• DETECTION D'OBJET DESTINE A UN VEHICULE ARRETE

(71) **DELPHI TECHNOLOGIES, INC.** [US/US]; Legal Staff - Mail Code: CT10C, P.O. Box 9005, Kokomo, IN 46904-9005 (US).

(72) **HARTER, Joseph, E.**; 4208 Michael Drive, Kokomo, IN 46902 (US). **MYERS, Robert, J.**; 5063 West 300 South, Russiaville, IN 46979 (US). **ANSARI, Adil**; 3905 Pleasant Drive, Kokomo, IN 46902 (US).

(74) **CHMIELEWSKI, Stefan, V.**; Delphi Technologies, INC., Legal Staff Mail Code CT10C, P.O.Box 9005, Kokomo, IN 46904-9005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01V 1/28

(11) WO 2004/090575 (13) A1

(21) PCT/NO2004/000103

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 20031631 9 Apr/avr 2003 NO (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR SIMULATING LOCAL PRESTACK DEPTH MIGRATED SEISMIC IMAGES

• METHODE DE SIMULATION D'IMAGES SISMIQUES LOCALES A MIGRATION EN PROFONDEUR AVANT SOMMATION

(71) **NORSAR** [NO/NO]; Instituttveien 25, N-2007 Kjeller (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LECOMTE, Isabelle** [FR/NO]; Åsbakken 3, N-2020 Skedsmokorset (NO).

(74) **LEMBACH-BEYLEGAARD, Elisabeth**; Zacco Norway As, P.O. Box 765, Sentrum, N-0106 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01V 5/00

(11) WO 2004/090576 (13) A2

(21) PCT/US2004/010240

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/459,664 2 Apr/avr 2003 US
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM AND METHOD FOR RESOLVING THREATS IN AUTOMATED EXPLOSIVES DETECTION IN BAGGAGE AND OTHER PARCELS

• SYSTEME ET PROCEDE DE RESOLUTION DES MENACES DANS LA DETECTION AUTOMATISEE DES EXPLOSIFS A L'INTERIEUR DES BAGGAGES ET AUTRES COLIS

(63) US 60/459,664 (CIP)
2 Apr/avr 2003 (02.04.2003)

(71) REVEAL IMAGING TECHNOLOGIES, INC. [US/US]; 35 Crosby Road, Bedford, MA 01730 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ELLENBOGEN, Michael [US/US]; 2 Plainview Road, Wayland, MA 01778 (US). SCHEINMAN, Elan [US/US]; 3884 Autumn Drive, Redwood City, CA 94061 (US).

(74) ELRIFI, Ivor, R.; Mintz, Levin, Cohn, Ferris, Glovsky, and Popeo, P., C., One Financial Center, Boston, MA 02111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B

(11) WO 2004/090577 (13) A2

(21) PCT/IB2004/001259

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 60/462,499 11 Apr/avr 2003 US
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • APPARATUS AND METHOD FOR MAINTAINING IMMERSION FLUID IN THE GAP UNDER THE PROJECTION LENS DURING WAFER EXCHANGE IN AN IMMERSION LITHOGRAPHY MACHINE

• APPAREIL ET PROCEDE DE RETENUE DU FLUIDE D'IMMERSION DANS L'ESPACE COMPRIS SOUS LA

LENTILLE DE PROJECTION PENDANT LE REMPLACEMENT DE LA PLAQUETTE DANS UNE MACHINE DE LITHOGRAPHIE PAR IMMERSION

(71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

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(72, 75) BINNARD, Michael [US/US]; 2444 Coronet Boulevard, Belmont, CA 94000 (US).

(74) ROEDER, Steven, G.; The Law Office of Steven G. Roeder, 5560 Chelsea Ave., La Jolla, CA 92037 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G02B

(11) WO 2004/090578 (13) A2

(21) PCT/IL2004/000307

(22) 4 Apr/avr 2004 (04.04.2004)

(25) en (26) en

(30) 155330 9 Apr/avr 2003 IL
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM AND METHOD FOR PRODUCING A LIGHT BEAM WITH SPATIALLY VARYING POLARIZATION

• SYSTEME ET PROCEDE POUR LA PRODUCTION D'UN FAISCEAU LUMINEUX A POLARISATION VARIABLE DANS L'ESPACE

(71) TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD. [IL/IL]; The Senate Bld., Technion City, 32100 Haifa (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIPSON, Stephen Geoffrey [IL/IL]; 38 Huysmans St., 34987 Haifa (IL). SHOHAM, Amir [IL/IL]; 12 Rakafot st., 34745 Haifa (IL).

(74) MILLER - SIERADZKI ADVOCATES & PATENT ATTORNEYS; P.O. Box 6145, 31061 Haifa (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B

(11) WO 2004/090579 (13) A2

(21) PCT/US2004/010247

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/406,969 3 Apr/avr 2003 US
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COLOR IMAGE DISPLAY APPARATUS
• DISPOSITIF D'AFFICHAGE D'IMAGES EN COULEUR

(71) STI DESIGN [US/US]; 383 Van Ness Avenue, Suite 1604, Torrance, CA 90501 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) ELION, Cliff; 21405 Devonshire Street #201, Chatsworth, CA 91311 (US). SEDA, Milan, J.; 1018 Birchstone Drive, Missouri City, CA 77459 (US). BETTY, Morris; 212 Avenue C, Redondo Beach, CA (US).

TUCKER, Robert; 2612 West 234th Street, Torrance, CA 90501 (US).

(74) YORKS, Ben, J.; Irell & Manella LLP, 840 Newport Center Drive, Suite 400, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B

(11) WO 2004/090580 (13) A2

(21) PCT/US2004/010371

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,538 4 Apr/avr 2003 US
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ROTATABLE HELMET MOUNT
• DISPOSITIF ROTATIF DE FIXATION SUR CASQUE

(71) NOROTOS, INC. [US/US]; 201 E. Alton Avenue, Santa Ana, CA 92707-4416 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PRENDERGAST, Jonathon, R.** [GB/US]; 280 Cagney Lane, Unit 315, Newport Beach, CA 92663 (US).

(74) **DALY, Thomas, J.**; Christie, Parker & Hale, LLP, Post Office Box 7068, Pasadena, CA 91109-7068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G02B**

(11) **WO 2004/090581** (13) A2

(21) PCT/US2004/009743

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 60/459,417 **31 Mar/mar 2003 US (31.03.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEMS AND METHODS FOR MINIMIZING ABERRATING EFFECTS IN IMAGING SYSTEMS

• SYSTEMES ET PROCEDES POUR REDUIRE AU MINIMUM DES EFFETS ABERRANTS DANS DES SYSTEMES D'IMAGERIE

(71) **CDM OPTICS, INC.** [US/US]; 4001 Discovery Drive, Suite 130, Boulder, CO 80303 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOWSKI, Edward, Raymond, Jr.** [US/US]; 307 East Cleveland Street, Lafayette, CO 80026 (US). **KUBELA, Kenneth, Scott** [US/US]; 1190 Georgetown Road, Boulder, CO 80305 (US). **BARON, Alan, Eugene** [US/US]; 2036 Mapleton, Boulder, CO 80304 (US).

(74) **STIPEK, James, M.**; Lathrop & Gage, LC, 2345 Grand Boulevard, Suite 2400, Kansas City, MO 64108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ **G02B**

(11) **WO 2004/090582** (13) A2

(21) PCT/US2004/009968

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) en (26) en

(30) 60/459,493 **1 Apr/avr 2003 US (01.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR CONSTRUCTING A CATADIOPTRIC LENS SYSTEM

• PROCEDE DE FABRICATION D'UN SYSTEME D'OBJECTIF CATADIOPTRIQUE

(71) **ZETETIC INSTITUTE** [US/US]; 1665 E 18th Street, Suite 206, Tucson, AZ 85719 (US).

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(72, 75) **HILL, Henry, Allen** [US/US]; 1665 E 18th Street, Suite 206, Tucson, AZ 85719 (US).

(74) **PHRAHL, Eric, L. et al.** / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G02B 1/04, G02F 1/361, G02B 6/16**

(11) **WO 2004/090583** (13) A1

(21) PCT/EP2004/002949

(22) **20 Mar/mar 2004 (20.03.2004)**

(25) de (26) de

(30) 103 16 414.6 **10 Apr/avr 2003 DE (10.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FIBER OPTIC MATERIAL AND THE USE THEREOF

• MATIERE GUIDANT LA LUMIERE ET SON UTILISATION

(71) **FORSCHUNGSZENTRUM KARLSRUHE GMBH** [DE/DE]; Weberstrasse 5, 76133 Karlsruhe (DE).

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(72, 75) **HANEMANN, Thomas** [DE/DE]; Brühlstrasse 39A, 76297 Stutensee (DE).

BÖHM, Johannes [DE/DE]; Silberhölle 60, 76646 Bruchsal (DE). **HAUSSELT, Jürgen** [DE/DE]; Mozartstrasse 20, 76726 Germerheim (DE).

(74) **FORSCHUNGSZENTRUM KARLSRUHE GMBH**; Stabsabteilung Marketing, Patente und Lizenzen, Postfach 36 40, 76021 Karlsruhe (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G02B 1/04, C08G 63/193**

(11) **WO 2004/090584** (13) A1

(21) PCT/EP2004/003579

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) en (26) en

(30) SV2003A000020 **11 Apr/avr 2003 IT (11.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OPTICAL MEDIA COMPRISING POLYARYL FILM

• SUPPORT OPTIQUE COMPRENANT UNE PELLICULE POLYARYLE

(71) **FERRANIA S.P.A.** [IT/IT]; Viale della Libertà, 57, I-17014 Ferrania/Cairo Montenotte (IT).

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(72, 75) **ANGIOLINI, Simone** [IT/IT]; Ferrania S.p.A., Viale della Libertà, 57, I-17014 Ferrania/Cairo Montenotte (IT). **AVIDANO, Mauro** [IT/IT]; Ferrania S.p.A., Viale della Libertà, 57, I-17014 Ferrania/Cairo Montenotte (IT).

(74) **ALLAIX, Roberto**; Ferrania S.p.A., Intellectual Property Department, Via Della Libertà 57, I-17014 Ferrania/Cairo Montenotte (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G02B 1/04, C08G 63/193

(11) WO 2004/090585 (13) A1

(21) PCT/EP2004/003580

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) SV2003A000019 11 Apr/avr 2003 IT
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • OPTICAL FILMS COMPRISING ONE
OR MORE POLYARYLATES OB-
TAINED FROM SPECIFIC PHENOLIC
MOLECULES

- FILMS OPTIQUES COMPRENANT AU
MOINS UN POLYARYLATE PRODUIT
A PARTIR DE MOLECULES PHENO-
LIQUES SPECIFIQUES

(71) FERRANIA S.P.A. [IT/IT]; Viale della Lib-
ertà, 57, I-17014 Ferrania/Cairo Montenotte
(IT).

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les États désignés sauf US)

(72, 75) ANGIOLINI, Simone [IT/IT]; Ferrania
S.p.A., Viale della Libertà, 57, I-17014
Ferrania/Cairo Montenotte (IT). AVIDANO,
Mauro [IT/IT]; Ferrania S.p.A., Viale della
Libertà, 57, I-17014 Ferrania/Cairo Mon-
tenotte (IT).

(74) ALLAI, Roberto; Ferrania S.p.A., Intel-
lectual Property Department, Via Della Lib-
ertà, 57, I-17014 Ferrania/Cairo Montenotte
(IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G02B 5/02, F21V 11/14, G09F 13/04

(11) WO 2004/090586 (13) A1

(21) PCT/IT2004/000157

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) BS2003U000037 7 Apr/avr 2003 IT
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • LUMINOUS DIFFUSER WITH DIFFER-
ENTIATED LIGHT EMITTING PARTS
FOR LIGHTING EQUIPMENT

- DIFFUSEUR DE LUMIERE AVEC
PARTIES PHOTOEMETTRICES DIF-
FERENCIEES POUR EQUIPEMENT
D'ECLAIRAGE

(71) FLOS S.p.A. [IT/IT]; Via A. Faini 2, I-25073
Bovezzo (IT).

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les États désignés sauf US)

(72, 75) CITTERIO, Antonio [IT/IT]; Via Cerva
4, I-Milano (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G02B 5/02, G02F 1/13357, F21S 2/00,
F21V 3/04

(11) WO 2004/090587 (13) A1

(21) PCT/JP2004/004423

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-99325 2 Apr/avr 2003 JP
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • LIGHT DIFFUSING PLATE
• PLAQUE DE DIFFUSION DE LUMIERE

(71) ASAHI KASEI CHEMICALS CORPO-
RATION [JP/JP]; 1-2, Yuraku-cho 1-chome,
Chiyoda-ku, Tokyo 100-8440 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MIYAUCHI, Masahiro [JP/JP];
5-6-805, Chigasakihigashi 3-chome,
Tsuzuki-ku, Yokohama-shi, Kanagawa
224-0033 (JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent
Office, 13th Floor, ARK Mori Building,
12-32, Akasaka 1-chome, Minato-ku, Tokyo
107-6013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G02B 5/08, 5/136, 5/13, F21V 7/22, B29D
11/00

(11) WO 2004/090588 (13) A2

(21) PCT/EP2004/050426

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 103 16 475.8 11 Apr/avr 2003 DE
(11.04.2003)

(30) 203 05 827.5 11 Apr/avr 2003 DE
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • DEFLECTION MIRROR AND
METHOD FOR PRODUCING THE
DEFLECTION MIRROR

- MIROIR DE DEVIATION ET PROCEDE
DE PRODUCTION DUDIT MIROIR DE
DEVIATION

(71) DURLUM - LEUCHTEN GMBH LICHT-
TECHNISCHE SPEZIALFABRIK
[DE/DE]; An der Wiese 5, 79650 Schopfheim
(DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) REUTER, Peter [DE/DE]; Schorne-
mattstr. 6, 79650 Schopfheim (DE).

(74) NEUMANN, Gerd; Albert-Schweitzer-Str.
1, 79589 Binzen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G02B 5/20, 5/30

(11) WO 2004/090589 (13) A1

(21) PCT/AT2004/000127

(22) 13 Apr/avr 2004 (13.04.2004)

(25) de (26) de

(30) A 569/2003 14 Apr/avr 2003 AT
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • FILM, PARTICULARLY A SUN PRO-
TECTION FILM, AND PRODUCTION
AND USE THEREOF

- FILM, EN PARTICULIER FILM DE PROTECTION SOLAIRE, SA FABRICATION ET SON UTILISATION
- (71, 72) UCKERMANN, Ingo [AT/AT]; Staudgasse 72/27, A-1180 Wien (AT). LANG, Klaus [DE/DE]; Zollernring 32, 72186 Empfingen (DE).
- (74) MIKSOVSKY, Alexander; Miksovsky & Pollhammer OEG, Währingerstrasse 3, A-1096 Wien (AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G02B 5/30, G02F 1/1335, 1/13363
(11) WO 2004/090590 (13) A1
(21) PCT/JP2004/003716
(22) 19 Mar/mar 2004 (19.03.2004)
(25) ja (26) ja
(30) 2003-097868 1 Apr/avr 2003 JP (01.04.2003)
(30) 2003-364304 24 Oct/oct 2003 JP (24.10.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • OPTICAL ELEMENT, POLARIZATION ELEMENT, AND ILLUMINATING DEVICE AND LIQUID CRYSTAL DISPLAY UNIT
• ELEMENT OPTIQUE, ELEMENT DE POLARISATION, ET DISPOSITIF D'ECLAIRAGE ET UNITE D'AFFICHAGE A CRISTAUX LIQUIDES
- (71) NITTO DENKO CORPORATION [JP/JP]; 1-1-2, Shimohozumi, Ibaraki-shi, Osaka, 5678680 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKAHASHI, Naoki, [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi Osaka, 5678680 (JP). TAKEDA, Kentarou, [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi Osaka, 5678680 (JP). HARA, Kazutaka, [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi Osaka, 5678680 (JP). SHIROGAWA, Miki, [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi Osaka, 5678680 (JP).
- (74) SUZUKI, Takao, et al. / etc.; 1-20, Nishinakajima 7-chome, Yodogawa-ku, Osaka-shi, Osaka, 5320011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02B 5/30, G02F 1/13363
(11) WO 2004/090591 (13) A1
(21) PCT/JP2004/004984
(22) 7 Apr/avr 2004 (07.04.2004)
(25) ja (26) ja
(30) 2003-102921 7 Apr/avr 2003 JP (07.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • PROCESS FOR PRODUCING OPTICAL LAMINATE AND, INCLUDING THE LAMINATE, ELLIPTICALLY POLARIZING PLATE, CIRCULARLY POLARIZING PLATE AND LIQUID CRYSTAL DISPLAY UNIT
• PROCEDE DE PRODUCTION D'UN LAMINE OPTIQUE COMPRENANT LE LAMINE OPTIQUE, UNE PLAQUE A POLARISATION ELLIPTIQUE, UNE PLAQUE A POLARISATION CIRCULAIRE ET UNE UNITE D'AFFICHAGE A CRISTAUX LIQUIDES, ET LAMINE OPTIQUE CORRESPONDANT
- (71) NIPPON OIL CORPORATION [JP/JP]; 3-12, Nishi-shimbashi 1-chome, Minato-ku, Tokyo 105-8412 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UESAKA, Tetsuya [JP/JP]; c/o Nippon Oil Corporation, 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815 (JP). HOSAKI, Kenji [JP/JP]; c/o Nippon Oil Corporation, 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815 (JP). SATO, Haruyoshi [JP/JP]; c/o Nippon Oil Corporation, 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815 (JP).
- (74) MORITA, Nobuyuki; Watase bldg., 5-8, Nishi-shimbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G02B 6/12
(11) WO 2004/090593 (13) A1
(21) PCT/JP2004/004585
(22) 31 Mar/mar 2004 (31.03.2004)
(25) ja (26) ja
(30) 2003-098820 2 Apr/avr 2003 JP (02.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • OPTICAL SIGNAL CONTROLLER
• DISPOSITIF DE COMMANDE DE SIGNAL OPTIQUE
- (71) J.S.T. MFG. CO., LTD. [JP/JP]; 4-8, Minamisenba 2-chome, Chuo-ku, Osaka-shi, Osaka 5420081 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KATSUYAMA, Yutaka [JP/JP]; 23, Ohnohshiba-cho, Sakai-shi, Osaka 5998233 (JP). MORIYAMA, Keiko

- [JP/JP]; c/o J.S.T. MFG. CO., LTD., 1099-25, Aza-Marune, Oaza-Kurozasa Miyoshi-cho, Nishikamo-gun, Aichi 4700201 (JP). SHIRAIISHI, Makoto [JP/JP]; c/o J.S.T. MFG. CO., LTD., 1099-25, Aza-Marune, Oaza-Kurozasa Miyoshi-cho, Nishikamo-gun, Aichi 4700201 (JP).
- (74) KAJI, Yoshiyuki et al. / etc.; c/o KAJI, SUHARA & ASSOCIATES, Recruit Shin Osaka Bldg., 14-22, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 5320011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (b)
-
- (51)⁷ G02B 6/132, 6/136
- (11) WO 2004/090594 (13) A1
- (21) PCT/IL2004/000297
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 10/411,081 10 Apr/avr 2003 US (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PLANAR OPTICAL COMPONENT FOR COUPLING LIGHT TO A HIGH INDEX WAVEGUIDE, AND METHOD OF ITS MANUFACTURE
- COMPOSANT OPTIQUE PLAN POUR LE COUPLAGE DE LUMIERE A UN GUIDE D'ONDES A INDICE ELEVE, ET SON PROCEDE DE FABRICATION
- (71) LAMBDA CROSSING LTD. [IL/IL]; 3 Shoham Street, North Industrial Park, P.O.Box 3028, Caesaria, 38900 (IL). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BERKOVITCH, Nikolai [IL/IL]; 15/21 Havatzelet St., Neshet, 36730 (IL). GROSS, Yoav [IL/IL]; 9/3 Byaler Kalman St., Rehovot, 76661 (IL). MARGALIT, Moti [IL/IL]; 21 Hashita Street, Zichron Yaaqov, 30900 (IL).
- (74) REINHOLD COHN AND PARTNERS; P.O. BOX 4060, TEL AVIV, 61040 (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G02B 6/36
- (11) WO 2004/090596 (13) A1
- (21) PCT/JP2003/004242
- (22) 2 Apr/avr 2003 (02.04.2003)
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OPTICAL FIBER CONNECTOR
- CONNECTEUR DE FIBRES OPTIQUES
- (71) SUNCALL CORPORATION [JP/JP]; 14, Umezu nishiura-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-0917 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIKOSAKA, Tomohiro [JP/JP]; c/o SUNCALL CORPORATION, 14, Umezu Nishiura-cho, Ukyo-ku, Kyoto, Kyoto 615-0917 (JP).
- (74) OKAMURA, Toshio; OKAMURA TOKKYO JIMUSHO, 5-5, Nishitenma 4-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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK 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 6/46
- (11) WO 2004/090597 (13) A1
- (21) PCT/KR2003/002004
- (22) 30 Sep/sep 2003 (30.09.2003)
- (25) ko (26) en
- (30) 10-2003-0023020 11 Apr/avr 2003 KR (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OPTICAL FIBER UNIT INSTALLATION APPARATUS INCLUDING A UNIT FOR PREVENTING BACKWARD FLOWING OF FLUID
- APPAREIL D'INSTALLATION D'UNITE DE FIBRES OPTIQUES COMPORTANT UNE UNITE DE PREVENTION DE REFLEX DE LIQUIDES
- (71) LG CABLE LTD. [KR/KR]; 19-20F ASEM Tower, 159 Samsung-dong, Gangnam-gu, Seoul 135-090 (KR). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEE, Bong-Hoon [KR/KR]; 732-1301 Best Town, Cheoncheon-dong, Jangan-gu, Suwon-si, Gyeonggi-do 440-330 (KR).
- (74) LEE, Sang-Yong et al. / etc.; 4F., Byukcheon Bldg., 1597-5, Seocho-dong, Seocho-gu, Seoul 137-876 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G02B 13/00, G11B 7/135
- (11) WO 2004/090598 (13) A1
- (21) PCT/JP2004/004762
- (22) 1 Apr/avr 2004 (01.04.2004)

- (25) ja (26) ja
- (30) 2003-100648 **3 Apr/avr 2003** JP
(03.04.2003)
- (30) 2003-148896 **27 May/mai 2003** JP
(27.05.2003)
- (30) 2003-345964 **3 Oct/oct 2003** JP
(03.10.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • IMAGING OPTICAL ELEMENT AND METHOD OF DESIGNING IT
• ELEMENT OPTIQUE D'IMAGERIE ET SON PROCEDE DE FABRICATION
- (71) NALUX CO., LTD. [JP/JP]; 2-1-7 Yamazaki, Shimamoto-cho, Mishima-gun, Osaka 6180001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HATADE, Kouei [JP/JP]; c/o Nalux Co., Ltd., 2-1-7 Yamazaki, Shimamoto-cho, Mishima-gun, Osaka 6180001 (JP). SAKAGAMI, Norihisa [JP/JP]; c/o Nalux Co., Ltd., 2-1-7 Yamazaki, Shimamoto-cho, Mishima-gun, Osaka 6180001 (JP).
- (74) FUSHIMI, Naoya et al. / etc.; OKADA, FUSHIMI AND HIRANO NE Kudan Bldg., 2-7, Kudan-minami 3-chome, Chiyoda-ku, Tokyo 1020074 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G02B 17/08
- (11) WO 2004/090600 (13) A2
- (21) PCT/EP2004/003708
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 103 16 428.6 **8 Apr/avr 2003** DE
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CATADIOPTRIC PROJECTION OBJECTIVE
• OBJECTIF DE PROJECTION CATADIOPTRIQUE
- (71) CARL ZEISS SMT AG [DE/DE]; Carl-Zeiss-Strasse 22, 73447 Oberkochen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EPPLÉ, Alexander [DE/DE]; Langertstrasse 38, 73431 Aalen (DE). DODOC, Aurelian [RO/DE]; Hainbuchenweg 7, 73447 Oberkochen (DE).
- (74) RUFF, WILHELM, BEIER, DAUSTER UND PARTNER; Kronenstrasse 30, 70174 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02B 13/16, 13/04, 13/18
- (11) WO 2004/090599 (13) A1
- (21) PCT/JP2004/005187
- (22) 9 Apr/avr 2004 (09.04.2004)
- (25) ja (26) ja
- (30) 2003-106599 **10 Apr/avr 2003** JP
(10.04.2003)
- (30) 2004-014911 **22 Jan/jan 2004** JP
(22.01.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROJECTION LENS AND PROJECTION TYPE IMAGE DISPLAY UNIT
• LENTILLE DE PROJECTION ET UNITE D'AFFICHAGE D'IMAGES DU TYPE A PROJECTION
- (71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
- (72) KOMATSU, Akira; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). SHIMIZU, Akihiro; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).
- (74) KAMIYANAGI, Masataka et al. / etc.; c/o Intellectual Property Division, SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OPTICAL CONCENTRATOR
• CONCENTRATEUR OPTIQUE
- (71) UNIVERSITY OF WARWICK [GB/GB]; Gibbet Hill Road, Coventry CV4 7AL (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GREEN, Roger [GB/GB]; 5 Cashmore Road, Kenilworth, Warwickshire CV8 2SJ (GB). RAMIREZ-INIGUEZ, Roberto [MX/GB]; 10, Station Avenue, Tile Hill, Coventry (GB).
- (74) BARNFATHER, Karl, Jon et al. / etc.; Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 21/00
- (11) WO 2004/090602 (13) A1
- (21) PCT/JP2004/004594
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) ja (26) ja
- (30) 2003-099497 **2 Apr/avr 2003** JP
(02.04.2003)
- (30) 2004-021590 **29 Jan/jan 2004** JP
(29.01.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • IMMERSION OIL FOR MICROSCOPE
• HUILE D'IMMERSION POUR UN MICROSCOPE
- (71) IDEMITSU PETROCHEMICAL CO., LTD. [JP/JP]; 6-1, Yokoami 1-chome, Sumida-ku, Tokyo 1300015 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUKUNAGA, Yuichi [JP/JP]; 1-1, Shingu-cho, Shunan-shi, Yamaguchi 7450843 (JP). YASUYOSHI, Matsunori [JP/JP]; 1-1, Shingu-cho, Shunan-shi, Yamaguchi 7450843 (JP).
- (74) OHTANI, Tamotsu et al. / etc.; OHTANI PATENT OFFICE, Bridgestone Toranomon Bldg. 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 1050001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 21/02

(11) WO 2004/090603 (13) A1

(21) PCT/EP2004/002892

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) 103 16 415.4 10 Apr/avr 2003 DE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PLAN APOCHROMATIC MICROSCOPE OBJECTIVE

• OBJECTIF DE MICROSCOPE APOCHROMATIQUE PLAN

(71) CARL ZEISS JENA GMBH [DE/DE]; Carl-Zeiss-Promenade 10, 07745 Jena (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MATTHÄ, Manfred [DE/DE]; Dorothea-Veit-Str. 41, 07747 Jena (DE). HERBST, Georg [DE/DE]; Heiligenstädter Weg 5, 37085 Göttingen (DE).

(74) BECK, Bernard; c/o Carl Zeiss Jena GmbH, Carl-Zeiss-Promenade 10, 07745 Jena (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 21/08

(11) WO 2004/090604 (13) A2

(21) PCT/EP2004/003156

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 103 17 615.2 11 Apr/avr 2003 DE (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MICROSCOPE ARRANGEMENT

• ENSEMBLE MICROSCOPE

(71) CARL ZEISS JENA GMBH [DE/DE]; Carl-Zeiss-Promenade 10, 07745 Jena (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) WESTPHAL, Peter [DE/DE]; Kritze-graben 6, 07743 Jena (DE). KÜHNER, Martin [DE/DE]; Büttelbaum 72, 07639 Bad Klosterlausnitz (DE). NEUMANN, Tobias [DE/DE]; Johannisstrasse 24, 07743 Jena (DE).

(74) NIESTROY, Manfred; Geyer, Fehners & Partner (G.b.R.), Sellierstrasse 1, 07745 Jena (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 26/10, G03F 7/20

(11) WO 2004/090605 (13) A1

(21) PCT/US2004/010223

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/406,881 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LASER REFRACTION SYSTEM

• SYSTEME DE REFRACTION DE LASER

(71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. [US/US]; 20555 S.H. 249, Houston, Texas 77070 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KELSAY, Curtis G. [US/US]; 5437 Creswell Avenue, Boise, ID 83713 (US). JACKSON, Bruce J. [US/US]; 12023 Floating Feather Road, Star, Idaho 83669 (US).

(74) WISDOM, Gregg W. et al. / etc.; Intellectual Property Administration, P.O. Box 272400, m/s 35, Fort Collins, Colorado 80527-2400 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ G02B 27/00, A61B 3/12, G02B 13/08

(11) WO 2004/090606 (13) A1

(21) PCT/EP2004/002893

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) 103 16 416.2 10 Apr/avr 2003 DE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OPTICAL SYSTEM FOR A FUNDUS CAMERA

• SYSTEME OPTIQUE POUR CAMERA A FOND D'OEIL

(71) CARL ZEISS JENA GMBH [DE/DE]; Carl-Zeiss-Promenade 10, 07745 Jena (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MUELLER, Lothar [DE/DE]; Dorfstr. 56c, 07646 Ottendorf (DE). HANFT, Marco [DE/DE]; Kieserstr. 9, 07749 Jena (DE). LIPPMANN, Uwe [DE/DE]; Hermann-Pistor-Str. 39, 07745 Jena (DE).

(74) BECK, Bernard; Carl Zeiss Jena GmbH, Carl-Zeiss-Promenade 10, 07745 Jena (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 27/01

(11) WO 2004/090607 (13) A1

(21) PCT/EP2004/002715

(22) 16 Mar/mar 2004 (16.03.2004)

(25) de (26) de

(30) 103 16 518.5 10 Apr/avr 2003 DE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HEAD-UP DISPLAY WITH SUPERPOSITION OF IMAGES

• VISUALISATION TETE HAUTE A SUPERPOSITION D'IMAGES

(71) CARL ZEISS JENA GMBH [DE/DE]; Carl-Zeiss-Promenade 10, 07745 Jena (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PESCH, Alexander [DE/DE]; Schrödinger Strasse 67, 07745 Jena (DE). STEINER, Reinhard [DE/DE]; Homburger Ring 11a, 07646 Stadroda (DE). BRUNNER, Robert [DE/DE]; Berghoffsweg 6D, 07743 Jena (DE).

(74) GRIMM, Christian; Geyer, Fehners & Partner, Perhamerstrasse 31, 80687 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02B 27/22
- (11) WO 2004/090608 (13) A1
- (21) PCT/EP2004/003695
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) de (26) de
- (30) 103 16 733.1 8 Apr/avr 2003 DE (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR THE PRODUCTION OF A 3D SCREEN
- PROCEDE DE PRODUCTION D'UN ECRAN 3D
- (71) X3D TECHNOLOGIES GMBH [DE/DE]; Carl-Pulfrich-Strasse 1, 07745 Jena (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JAHRMARKT, Uwe [DE/DE]; G.-Eichhorn-Strasse 1a, 07745 Jena (DE).
ROSSBACH, Hans-Jürgen [DE/DE]; Birkenweg 10, 07613 Hartmannsdorf (DE).
- (74) NIESTROY, Manfred; Geyer, Fehners & Partner (G.b.R.), Sellierstrasse 1, 07745 Jena (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G02B 27/22, H04N 13/00
- (11) WO 2004/090609 (13) A1
- (21) PCT/RU2003/000155
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) ru (26) ru
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR FORMING STEREO SPACE AND DEVICE FOR CARRYING OUT SAID METHOD
- PROCEDE DE FORMATION D'UN ESPACE STEREOSCOPIQUE ET DISPOSITIF CORRESPONDANT
- (71, 72) GOLOVKOV, Oleg Leonidovich [RU/RU]; ul. Berezovaya, 3-4-341, Ryazan, 390035 (RU). FETISKIN, Vladimir Viktorovich [RU/RU]; s. Gaverdovo, Ryazanskaya raion, Ryazanskaya obl., 391016 (RU).
- (74) FETISKIN, Vladimir Viktorovich; Borisovskie prudy, 18/3-789, Moscow, 115612 (RU).
- (81) RU US.
-
- (51)⁷ G02C 1/02
- (11) WO 2004/090610 (13) A1
- (21) PCT/IT2003/000232
- (22) 14 Apr/avr 2003 (14.04.2003)
- (25) it (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • IMPROVED SPECTACLES
- LUNETTES AMELIOREES
- (71) SAFILO SOCIETA' AZIONARIA FABBRICA ITALIANA LAVORAZIONE OCCHIALI S.P.A. [IT/IT]; Piazza Tiziano, 8, I-32044 Pieve di Cadore (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TABACCHI, Vittorio [IT/IT]; Piazza Tiziano, 7, I-32044 Pieve di Cadore (IT).
- (74) CANTALUPPI, Stefano et al. / etc.; Cantaluppi & Partners S.r.l., Via Matteoti, 26, I-35137 Padova (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ G02C 7/02, B29D 11/00, B23K 26/00, A61B 3/103
- (11) WO 2004/090612 (13) A1
- (21) PCT/EP2004/003242
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) de (26) de
- (30) 103 16 576.2 10 Apr/avr 2003 DE (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND DEVICE FOR PRODUCING SOFT CONTACT LENSES
- PROCEDE ET DISPOSITIF POUR PRODUIRE DES LENTILLES DE CONTACT SOUPLES
- (71) TECHNOVISION GMBH GESELLSCHAFT FÜR DIE ENTWICKLUNG MEDIZINISCHER TECHNOLOGIE [DE/DE]; Hans-Riedl-Strasse 7, 85622 Feldkirchen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JANSEN, Birte [DE/DE]; Wageneggerstrasse 5, 81669 München (DE). HOHLA,
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
-
- (51)⁷ G02C 7/00
- (11) WO 2004/090611 (13) A2
- (21) PCT/US2004/009736
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 10/403,808 31 Mar/mar 2003 US (31.03.2003)
- (30) 10/703,884 7 Nov/nov 2003 US (07.11.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • INTRAOCULAR LENS AND METHOD FOR REDUCING ABERRATIONS IN AN OCULAR SYSTEM

- Kristian** [DE/DE]; Johann-Strauss-Strasse 15, 85591 Vaterstetten (DE).
- (74) **ROTHAEMEL, Bernd**; Grünecker, Kinkeldey, Stockmair & Schwanhäusser, Maximilianstrasse 58, 80538 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G02C 7/06**
- (11) **WO 2004/090614** (13) A1
- (21) PCT/JP2004/004557
- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) ja (26) ja
- (30) 2003-106600 **10 Apr/avr 2003 JP (10.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **PROGRESSIVE REFRACTIVE POWER LENS AND PRODUCTION METHOD THEREFOR**
- **LENTILLE A PUISSANCE DE REFRACTION PROGRESSIVE ET SON PROCÉDE DE FABRICATION**
- (71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku, Tokyo 1630811 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KATO, Kazutoshi** [JP/JP]; c/o SEIKO EPSON CORPORATION -, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 3928502 (JP).
- (74) **KAMIYANAGI, Masataka et al.** / etc.; c/o Intellectual Property Division SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 3928502 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G02C 9/00**
- (11) **WO 2004/090616** (13) A1
- (21) PCT/IT2003/000219
- (22) **9 Apr/avr 2003 (09.04.2003)**
- (25) it (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **A DEVICE HAVING AUXILIARY LENSES FOR SPECTACLES, AND SPECTACLES INCLUDING SAID DEVICE**
- **DISPOSITIF A VERRES AUXILIAIRES POUR LUNETTES, ET LUNETTES AINSI EQUIPEES**
- (71) **SAFILO SOCIETA AZIONARIA FABBRICA ITALIANA LAVORAZIONE OCCHIALI S.P.A.** [IT/IT]; Piazza Tiziano, 8, I-32044 Pieve di Cadore (BL) (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TABACCHI, Vittorio** [IT/IT]; Piazza Tiziano, 7, I-32044 Pieve di Cadore (IT).
- (74) **CANTALUPPI, Stefano et al.** / etc.; Cantaluppi & Patners, Via Matteotti, 26, I-35137 Padova (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G02C 7/06**
- (11) **WO 2004/090615** (13) A1
- (21) PCT/JP2004/004802
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) ja (26) ja
- (30) 2003-099624 **2 Apr/avr 2003 JP (02.04.2003)**
- (30) 2003-099623 **2 Apr/avr 2003 JP (02.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **PROGRESSIVE MULTIFOCAL LENS AND METHOD OF DESIGNING THE SAME**
- **LENTILLE MULTIFOCAL PROGRESSIVE ET SON PROCÉDE DE CONCEPTION**
- (71) **SEED CO., LTD.** [JP/JP]; 40-2, Hongo 2-chome, Bunkyo-ku, Tokyo 1130033 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SATO, Takao** [JP/JP]; c/o Seed Co., Ltd., 40-2, Hongo 2-chome, Bunkyo-ku, Tokyo 1130033 (JP). **UCHIDA, Rei** [JP/JP]; c/o Seed Co., Ltd., 40-2, Hongo 2-chome, Bunkyo-ku, Tokyo 1130033 (JP). **UNO, Kenji** [JP/JP]; c/o Seed Co., Ltd., 40-2, Hongo 2-chome, Bunkyo-ku, Tokyo 1130033 (JP).
- (74) **YAMASHITA, Johei**; YAMASHITA & ASSOCIATES, Toranomom 40th MT Bldg., 13-1, Toranomom 5-chome, Minato-ku, Tokyo 1050001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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 SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ G02F

- (11) WO 2004/090617 (13) A2
(21) PCT/EP2004/003767
(22) 8 Apr/avr 2004 (08.04.2004)
(25) de (26) de
(30) 103 17 613.6 13 Apr/avr 2003 DE
(13.04.2003)
(30) 10/420,896 22 Apr/avr 2003 US
(22.04.2003)
(30) 103 25 460.9 5 Jun/juin 2003 DE
(05.06.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • HIGH THREE-DIMENSIONAL RESO-
LUTION REPRESENTATION
• IMAGERIE HAUTE RESOLUTION
SPATIALE

(71) MAX-PLANCK-GESSELLSCHAFT
ZUR FÖRDERUNG DER WIS-
SENSCHAFTEN E.V. [DE/DE]; Hof-
gartenstr. 2, 80539 München (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HELL, Stefan [DE/DE]; Burgstrasse 10,
37073 Göttingen (DE).

(74) REHBERG+HÜPPE; Nikolausberger Weg
62, 37073 Göttingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G02F 1/1335, 1/1339

- (11) WO 2004/090618 (13) A1
(21) PCT/IB2004/001072
(22) 30 Mar/mar 2004 (30.03.2004)
(25) en (26) en
(30) 0308484.5 12 Apr/avr 2003 GB
(12.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • TRANSFLECTIVE ACTIVE MATRIX
LIQUID CRYSTAL DISPLAY DEVICE
AND METHOD OF MANUFACTURE

• DISPOSITIF D'AFFICHAGE TRANS-
FLECTIF A CRISTAUX LIQUIDES ET
A MATRICE ACTIVE ET PROCEDE DE
FABRICATION

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YOUNG, Nigel, D. [GB/GB]; c/o Philips
Intellectual Property & Standards, Cross Oak
Lane, Redhill, Surrey RH1 5HA (GB).

(74) WILLIAMSON, Paul, L.; c/o Philips In-
tellectual Property & Standards, Cross Oak
Lane, Redhill, Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ G02F 1/13357

- (11) WO 2004/090619 (13) A1
(21) PCT/KR2004/000558
(22) 16 Mar/mar 2004 (16.03.2004)
(25) en (26) en
(30) 10-2003-0021868 8 Apr/avr 2003 KR
(08.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • LIQUID CRYSTAL DISPLAY APPARA-
TUS
• APPAREIL D'AFFICHAGE A CRIS-
TAUX LIQUIDES

(71) SAMSUNG ELECTRONICS CO. LTD.
[KR/KR]; 416, Maetan-dong, Yeongtong-gu,
Suwon-si, Gyeonggi-do 442-742 (KR).
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les États désignés sauf US)

(72, 75) YOON, Jong-Soo [KR/KR]; 13/6,
#473-15, Gusong-dong, Cheonan-si,
Chungcheongnam-do 330-060 (KR). LEE,
Dong-Ho [KR/KR]; 106-1803 Minsokmaeul
Ssangyong Apt., #553, Bora-ri, Giheung-eup,
Yongin-si, Gyeonggi-do 449-904 (KR).

(74) PARK, Young-Woo; 5F., Seil Building,
#727-13 Yoksam-dong, Gangnam-gu, Seoul
135-921 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ G02F 1/1339, 1/1335

- (11) WO 2004/090620 (13) A1
(21) PCT/IB2004/001038
(22) 30 Mar/mar 2004 (30.03.2004)
(25) en (26) en
(30) 0308483.7 12 Apr/avr 2003 GB
(12.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • ACTIVE MATRIX LIQUID CRYSTAL
DISPLAY DEVICE AND METHOD OF
MANUFACTURE
• DISPOSITIF D'AFFICHAGE A CRIS-
TAUX LIQUIDES A MATRICE ACTIVE
ET SON PROCEDE DE FABRICATION

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YOUNG, Nigel, D. [GB/GB]; c/o Philips
Intellectual Property & Standards, Cross Oak
Lane, Redhill, Surrey RH1 5HA (GB).

(74) WILLIAMSON, Paul, L.; c/o Philips In-
tellectual Property & Standards, Cross Oak
Lane, Redhill, Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP

(BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G02F 1/1339, C08G 59/04, C09K 3/10

(11) WO 2004/090621 (13) A1

(21) PCT/JP2004/004972

(22) 6 Apr/avr 2004 (06.04.2004)

(25) ja (26) ja

(30) 2003-103566 8 Apr/avr 2003 JP (08.04.2003)

(30) 2003-103590 8 Apr/avr 2003 JP (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LIQUID CRYSTAL SEALING AGENT AND LIQUID CRYSTALLINE DISPLAY CELL USING THE SAME

• AGENT D'ETANCHEITE POUR CRISTAUX LIQUIDES ET CELLULE D'AFFICHAGE A CRISTAUX LIQUIDES FAISANT APPEL A CE DERNIER

(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) IMAIZUMI, Masahiro [JP/JP]; 1-15-5-304, Akabane-kita, Kita-ku, Tokyo 115-0052 (JP). ASANO, Toyofumi [JP/JP]; 6-7-17-203, Kamiochiai, Chuo-ku, Saitama-shi, Saitama 338-0001 (JP). OCHI, Naoyuki [JP/JP]; 2-336-410, Kitabukurocho, Omiya-ku, Saitama-shi, Saitama 330-0835 (JP). HIRANO, Masahiro [JP/JP]; 473-1, Kami, Ago-shi, Saitama 362-0001 (JP). ICHIMURA, Sumio [JP/JP]; 3-33-5, Shimo, Kita-ku, Tokyo 115-0042 (JP). KUDO, Masaru [JP/JP]; 403-3, Futtono, Minuma-ku, Saitama-shi, Saitama 337-0017 (JP). OSHIMI, Katsuhiko [JP/JP]; 6-7-19-202, Kamiochiai, Chuo-ku, Saitama-shi, Saitama 338-0001 (JP). NAKANISHI, Masataka [JP/JP]; 2-336-307, Kitabukurocho, Omiya-ku, Saitama-shi, Saitama 330-0835 (JP). AKATSUKA, Yasumasa [JP/JP]; 2-21-2, Higashidaimon, Midori-ku, Saitama-shi, Saitama 336-0964 (JP). NISHIHARA, Eiichi [JP/JP]; 5-40-2, Shimo, Kita-ku, Tokyo 115-0042 (JP). ITAI, Masayuki [JP/JP]; B-304, Kaya-home, Tonomachi, Sanyo-cho, Asa-gun, Yamaguchi 757-0002 (JP).

(74) SAEKI, Norio; 9th Floor, Taka-ai, Building, 15-2, Nihonbashi, 3-chome, Chuo-ku, Tokyo 103-0027 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02F 1/136

(11) WO 2004/090622 (13) A1

(21) PCT/CN2003/000258

(22) 11 Apr/avr 2003 (11.04.2003)

(25) zh (26) zh

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A LIQUID CRYSTAL DISPLAY HAVING DOUBLE THIN FILM TRANSISTOR PIXEL STRUCTURE

• AFFICHEUR A CRISTAUX LIQUIDES COMPORTANT UNE STRUCTURE DE PIXELS A TRANSISTORS A FILM MINCE DOUBLE

(71) QUANTA DISPLAY INC. [CN/CN]; No.189, Hua Ya 2nd Rd., Kuei Shan Hsiang, 333 Tao Yuan Shien, Taiwan (CN). QUANTA DISPLAY JAPAN INC. [JP/JP]; Uchihira-nomachi 3-2-12, Chuou-Ku, Osaka, Osaka 540-0037 (JP).

(72) TSAI, Chu-Hung; No.13, Alley 1, Lane 367, Kai-Shuan 3rd Rd., Ling-Ya Chiu, Kaohsiung City, Taiwan (CN).

(74) NTD PATENT & TRADEMARK AGENCY LIMITED BEIJING OFFICE; 10th Floor, Block A, Investment Plaza, 27 Jinrongdajie, Beijing 100032 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02F 1/136

(11) WO 2004/090623 (13) A1

(21) PCT/CN2003/000259

(22) 11 Apr/avr 2003 (11.04.2003)

(25) zh (26) zh

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR FABRICATING A THIN FILM TRANSISTOR LIQUID CRYSTAL DISPLAY

• PROCEDE DE FABRICATION D'UN AFFICHEUR A CRISTAUX LIQUIDES A TRANSISTORS A FILM MINCE

(71) QUANTA DISPLAY INC. [CN/CN]; No.189, Hua Ya 2nd Rd., Kuei Shan Hsiang, 333 Tao Yuan Shien, Taiwan (CN). QUANTA DISPLAY JAPAN INC. [JP/JP]; Uchihira-nomachi 3-2-12, Chuou-Ku, Osaka, Osaka 540-0037 (JP).

(72) HSU, Chu-Wei; No.15, Lane 180, Kang-Shan-Chung Street, Chien-Cheng, Kao-Hsiung City, Taiwan (CN).

(74) NTD PATENT & TRADEMARK AGENCY LIMITED BEIJING OFFICE; 10th Floor, Block A, Investment Plaza 27 Jinrongdajie, Beijing 100032 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02F 1/167, G09G 3/00

(11) WO 2004/090624 (13) A1

(21) PCT/IB2004/050370

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 03100941.8 8 Apr/avr 2003 EP (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A DISPLAY AND A METHOD OF DISPLAYING AND STORING IMAGES

• AFFICHEUR ET PROCEDE POUR AFFICHER ET STOCKER 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) DE ZWART, Siebe, T. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). ZHOU, Guofu [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HASKAL, Eliav, I. [US/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ROLFES, Johannes, G., A.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

- (51)⁷ G02F 1/17
- (11) WO 2004/090625 (13) A1
- (21) PCT/JP2004/001174
- (22) 5 Feb/fév 2004 (05.02.2004)
- (25) ja (26) ja
- (30) 2003-030157 6 Feb/fév 2003 JP
(06.02.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MAGNETIC SUBSTANCE DISPLAY PANEL
- PANNEAU D'AFFICHAGE A SUBSTANCE MAGNETIQUE
- (71) KABUSHIKI KAISHA PILOT CORPORATION [JP/JP]; 6-21, Kyobashi 2-chome, Chuo-ku, Tokyo 104-8304 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TOZUKA, Taro [JP/JP]; c/o Kabushiki Kaisha Pilot Corporation, 4-3, Nishiyahata 1-chome, Hiratsuka-shi, Kanagawa 254-8585 (JP).
- (74) KINOSHITA, Shigeru; 4th Fl. Kaneko Bldg., 42, Nakasaivai-cho 4-chome, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0012 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ G02F 1/17, 1/167
- (11) WO 2004/090626 (13) A1
- (21) PCT/JP2004/004854
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) ja (26) ja
- (30) 2003-099342 2 Apr/avr 2003 JP
(02.04.2003)
- (30) 2003-102764 7 Apr/avr 2003 JP
(07.04.2003)
- (30) 2003-111516 16 Apr/avr 2003 JP
(16.04.2003)
- (30) 2003-150712 28 May/mai 2003 JP
(28.05.2003)
- (30) 2003-165353 10 Jun/juin 2003 JP
(10.06.2003)
- (30) 2003-183023 26 Jun/juin 2003 JP
(26.06.2003)
- (30) 2003-185243 27 Jun/juin 2003 JP
(27.06.2003)
- (30) 2003-189304 1 Jul/juil 2003 JP
(01.07.2003)

- (30) 2003-199076 18 Jul/juil 2003 JP
(18.07.2003)
- (30) 2003-380679 11 Nov/nov 2003 JP
(11.11.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PARTICLE USED FOR IMAGE DISPLAY MEDIUM, IMAGE DISPLAY PANEL USING SAME, AND IMAGE DISPLAY
- PARTICULE UTILISEE POUR UN SUPPORT D'AFFICHAGE D'IMAGE, PANNEAU D'AFFICHAGE D'IMAGE ET AFFICHAGE D'IMAGE
- (71) BRIDGESTONE CORPORATION [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8340 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAGA, Norihiko [JP/JP]; 3-5-5, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-0031 (JP). YAKUSHIJI, Gaku [JP/JP]; 2-223-1, Sakuragaoka, Higashiyamato-shi, Tokyo 207-0022 (JP). TAZAWA, Hare [JP/JP]; 3-5-5, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-0031 (JP). MASUTANI, Maki [JP/JP]; 1105-1-110, Hongou, Tokorozawa-shi, Saitama 359-0022 (JP). KOBAYASHI, Taichi [JP/JP]; 3-3-6-508, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-0031 (JP). ARAI, Toshiaki [JP/JP]; 5-9-15-303, Nishifuna, Funabashi-shi, Chiba 273-0031 (JP). MURATA, Kazuya [JP/JP]; 2-1-19, Shinmei, Hino-shi, Tokyo 191-0016 (JP). SAKURAI, Ryou [JP/JP]; 4-5-16, Tokura, Kokubunji-shi, Tokyo 185-0003 (JP). KOBAYASHI, Yoneji [JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-8531 (JP). TAMURA, Hajime [JP/JP]; 1664-412, Noborito, Tama-ku, Kawasaki-shi, Kanagawa 214-0014 (JP). ANZAI, Hiroyuki [JP/JP]; 2-42-3, Jindaiji, Mitaka-shi, Tokyo 181-0016 (JP). YAMAZAKI, Hiro-taka [JP/JP]; 2-8-36, Nishi, Kunitachi-shi, Tokyo 186-0005 (JP). NISHIMURO, Yoichi [JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-8531 (JP). MACHIDA, Kunio [JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-8531 (JP).
- (74) SUGIMURA, Kosaku; Kazan Building, 3-2-4, Kasumigaseki, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G02F 1/13363
- (11) WO 2004/090627 (13) A1
- (21) PCT/EP2004/002918

- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 03007919.8 8 Apr/avr 2003 EP
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COMPENSATED LCD OF THE IPS MODE
- AFFICHEUR A CRISTAUX LIQUIDES COMPENSE A MODE IPS
- (71) MERCKER PATENT GMBH [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARRI, Owain, Llyr [GB/GB]; Ibis House, 215a Christchurch Road, Ringwood, Hampshire BH24 3AN (GB). SKJONNEMAND, Karl [GB/GB]; 26 Ingrebourne Way, Diddcot, Oxfordshire OX11 7UP (GB). VERRALL, Mark [GB/GB]; 7 Wyndham Road, Salisbury SP1 3AA (GB).
- (74) MERCK PATENT GMBH; Frankfurter Strasse 250, 64293 Darmstadt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G02N
- (11) WO 2004/090628 (13) A2
- (21) PCT/US2004/009772
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 10/404,196 31 Mar/mar 2003 US
(31.03.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • LOW COST, HIGH PERFORMANCE, LOW PROFILE, FLEXIBLE REINFORCEMENT FOR COMMUNICATIONS CABLE
- RENFORT SOUPLE EXTRA-PLAT, BON MARCHE ET HAUTE PERFORMANCE POUR UN CABLE DE COMMUNICATION
- (63) US 10/404,196 (CIP)
31 Mar/mar 2003 (31.03.2003)
- (71) NEPTCO JV LLC [US/US]; 30 Hamlet Street, P.O. Box 2323, Pawtucket, RI 02861 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAGER, Thomas, P. [US/US]; 1109 Lake Point Drive, Westerville, OH 43082 (US). LEHMAN, Richard, N. [US/US]; 1795 Lakeview Drive, Newark, OH 43055 (US). PRIEST, James [US/US]; 7285 Cedar Court East, Nashport, OH 43830 (US).

(74) **MIRABITO, Jason, A.**; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., One Financial Center, Boston, MA 02111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03B

(11) WO 2004/090629 (13) A2

(21) PCT/US2004/010128

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,499 31 Mar/mar 2003 US (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DIRECT REMOTE ANALOG/DIGIT PRINTING DEVICES, PROCESSES AND MEDIUMS
• DISPOSITIFS ANALOGIQUES/NUMÉRIQUES D'IMPRESSION DIRECTE A DISTANCE, PROCÉDES ET SUPPORTS

(71) **SEGAN INDUSTRIES [US/US]**; P.O. Box 367, Burlingame, CA 94011-0367 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RIBI, Hans, O.** [US/US]; P.O. Box 367, Burlingame, CA 94011-0367 (US).

(74) **FIELD, Bret, E.**; Bozicevic, Field & Francis, 1900 University Avenue, Suite 200, East Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03B 17/14, 17/02

(11) WO 2004/090630 (13) A1

(21) PCT/JP2004/005053

(22) 8 Apr/avr 2004 (08.04.2004)

(25) ja (26) ja

(30) 2003-104487 8 Apr/avr 2003 JP (08.04.2003)

(30) 2003-166886 11 Jun/juin 2003 JP (11.06.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LENS EXCHANGE TYPE CAMERA SYSTEM

• SYSTEME D'APPAREIL PHOTOGRAPHIQUE DE TYPE A CHANGEMENT DE LENTILLE

(71) **OLYMPUS CORPORATION [JP/JP]**; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIYASAKA, Tetsuo [JP/JP]**; c/o Olympus Corporation, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP). **SAKASHITA, Mamoru [JP/JP]**

(74) **ITOH, Susumu**; Musashi Bldg., 4-4, Nishishinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03B 21/00

(11) WO 2004/090631 (13) A2

(21) PCT/FR2004/000839

(22) 2 Apr/avr 2004 (02.04.2004)

(25) fr (26) fr

(30) 03/04125 2 Apr/avr 2003 FR (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • RETROPROJECTION SCREEN
• ECRAN DE RETROPROJECTION

(71) **SYNELEC TELECOM MULTIMEDIA [FR/FR]**; Zone Industrielle, 12380 SAINT SERNIN SUR RANCE (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIBILIN, Daniel [FR/FR]**; 2120, route du Bouloud, F-38410 Saint Martin D'uriage (FR).

(74) **POCHART, François**; Cabinet Hirsch-Pochart et Associés, 58, avenue Marecau, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les designations

(s) for the following designations / pour les designations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les designations

(51)⁷ G03C 7/34

(11) WO 2004/090632 (13) A1

(21) PCT/NL2004/000246

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 03076067.2 11 Apr/avr 2003 EP (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PHOTOGRAPHIC COLOUR MATERIAL CONTAINING A RESORCINOL DERIVATIVE AS BLACK COUPLER

• MATERIAU PHOTOGRAPHIQUE COULEUR CONTENANT UN DERIVE DE RESORCINOL COMME FORMATEUR DE NOIR

(71) **FUJI PHOTO FILM B.V. [NL/NL]**; Oudendaart 1, NL-5047 TK Tilburg (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN BOXTEL, Huibert, Albertus [NL/NL]**; Rustenburgstraat 4, NL-5035 DJ Tilburg (NL). **KASE, Akira [JP/NL]**; Nistelrodestraat 43, NL-5045 MD Tilburg (NL). **IWASA, Yasuo [JP/NL]**; Gounodlaan 56, NL-5049 AG Tilburg (NL). **TODA, Yuzo [JP/NL]**; S.v. Grobbendoncklaan 1A, NL-5051 KZ Goirle (NL).

(74) **WINCKELS, J., H., F.**; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G03F

(11) WO 2004/090633 (13) A2

(21) PCT/IB2004/001376

- (22) 4 Apr/avr 2004 (04.04.2004)
- (25) en (26) en
- (30) 60/462,115 10 Apr/avr 2003 US (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ENVIRONMENTAL SYSTEM INCLUDING AN ELECTRO-OXMOTIC ELEMENT FOR AN IMMERSION LITHOGRAPHY APPARATUS
- SYSTEME ENVIRONNEMENTAL AVEC UN ELEMENT ELECTRO-OSMOTIQUE POUR UN APPAREIL LITHOGRAPHIQUE A IMMERSION
- (71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EATON, John, K. [US/US]; 635 Salatierra Street, Stanford, CA 94305 (US).
- (74) ROEDER, Steven, G.; The Law Office of Steven G. Roeder, 5560 Chelsea Ave., La Jolla, CA 92037 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G03F 1/08, H01L 21/027, 21/3065
- (11) WO 2004/090635 (13) A1
- (21) PCT/JP2004/005139
- (22) 9 Apr/avr 2004 (09.04.2004)
- (25) ja (26) ja
- (30) 2003-105921 9 Apr/avr 2003 JP (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD OF PRODUCING PHOTOMASK AND PHOTOMASK BLANK
- PROCEDE DE PRODUCTION D'UN PHOTOMASQUE ET EBAUCHE DE PHOTOMASQUE
- (71) HOYA CORPORATION [JP/JP]; 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo, 1618525 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OKUBO, Yasushi [JP/JP]HARA, Mutsumi [JP/JP]
- (74) GOTO, Yosuke et al. / etc.; The Third Mori Building, 4-10, Nishishinbashi 1-chome, Minato-ku, Tokyo, 1050003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G03F
- (11) WO 2004/090634 (13) A2
- (21) PCT/IB2004/002704
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 60/462,112 10 Apr/avr 2003 US (10.04.2003)
- (30) 60/484,476 1 Jul/juil 2003 US (01.07.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ENVIRONMENTAL SYSTEM INCLUDING VACUUM SCAVENGE FOR AN IMMERSION LITHOGRAPHY APPARATUS
- SYSTEME AMBIANT A PIEGEAGE DE VIDE POUR UN APPAREIL DE LITHOGRAPHIE A IMMERSION
- (71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAZELTON, Andrew, J. [US/US]; 801 Sankuresuto Isezaki, 1-2 Yayoi-cho, Naka-ku, Yokohama, Kanagawa 231-0058
- (JP). SOGARD, Michael [US/US]; 516 Placitas Avenue, Menlo Park, CA 94025 (US).
- (74) ROEDER, Steven, G.; The Law Office of Steven G. Roeder, 5560 Chelsea Ave., La Jolla, CA 92037 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G03F 7/033, C09D 133/04
- (11) WO 2004/090637 (13) A1
- (21) PCT/JP2004/004155
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) ja (26) ja
- (30) 2003-098392 1 Apr/avr 2003 JP (01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PHOTSENSITIVE RESIN FILM AND CURED FILM MADE THEREFROM
- FILM DE RESINE PHOTSENSIBLE ET FILM POLYMERISE REALISE A PARTIR DU FILM DE RESINE PHOTSENSIBLE
- (71) JSR CORPORATION [JP/JP]; 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 1048410 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IWANAGA, Shin-ichiro [JP/JP]; c/o JSR Corporation, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 1048410 (JP). KIMURA, Tooru [JP/JP]; c/o JSR Corporation, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 1048410 (JP). NISHIKAWA, Kouji [JP/JP]; c/o JSR Corporation, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 1048410 (JP).
- (74) SUZUKI, Shunichiro; S. SUZUKI & ASSOCIATES, Gotanda Yamazaki Bldg. 6F,
- (30) 10-2003-0023432 14 Apr/avr 2003 KR (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • RESIN COMPOSITION FOR MOLD USED IN FORMING MICROPATTERN, AND METHOD FOR FABRICATING ORGANIC MOLD THEREFROM
- COMPOSITION DE RESINE POUR MOULE A MICRODESSIN, ET PROCEDE DE FABRICATION DE MOULE ORGANIQUE AVEC CETTE COMPOSITION
- (71) MINUTA TECHNOLOGY CO. LTD. [KR/KR]; San 56-1, Shilim-dong, Kwanak-gu, 151-742 Seoul (KR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIM, Tae Wan [KR/KR]; #1-90, Sinkongduk-dong, Mapo-gu, 121-030 Seoul (KR). YOO, Pil Jin [KR/KR]; Samsung Apt. 113-1602, Songpa-2-dong, Songpa-gu, 138-172 Seoul (KR).
- (74) JANG, Seongku et al. / etc.; 19th Fl., KEC Building, #275-7,, Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo 1410031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G03F 7/033, 7/00, 7/004
- (11) WO 2004/090638 (13) A1
- (21) PCT/JP2004/004981
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) ja (26) ja
- (30) 2003-103021 7 Apr/avr 2003 JP (07.04.2003)
- (30) 2004-103509 31 Mar/mar 2004 JP (31.03.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PHOTSENSITIVE RESIN COMPOSITION, PHOTSENSITIVE LAYER THEREFROM AND PHOTSENSITIVE RESIN PRINTING ORIGINAL PLATE
- COMPOSITION DE RESINE PHOTOSENSIBLE, COUCHE PHOTOSENSIBLE CONSTITUEE DE CETTE COMPOSITION ET CLICHE ORIGINAL EN RESINE PHOTOSENSIBLE
- (71) TOYO BOSEKI KABUSHIKI KAISHA [JP/JP]; 2-8, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 532-8230 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WADA, Toru [JP/JP]; Toyo Boseki Kabushiki Kaisha Research Center, 1-1, Katata 2-chome, Ohtsu-shi, Shiga 520-0292 (JP). HIRAMATSU, Tomonori [JP/JP]; Toyo Boseki Kabushiki Kaisha Head Office, 2-8, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 532-8230 (JP). TOMITA, Akira [JP/JP]; Toyo Boseki Kabushiki Kaisha Research Center, 1-1, Katata 2-chome, Ohtsu-shi, Shiga 520-0292 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G03F 7/11, C08G 59/40, H01L 21/027
- (11) WO 2004/090640 (13) A1
- (21) PCT/JP2004/004764
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) ja (26) ja
- (30) 2003-099228 2 Apr/avr 2003 JP (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • THE METHOD FOR REALIZING A STRUCTURED POLYMERIC SEMI-CONDUCTOR, AND A LIGHT-EMITTING DIODE. TRANSISTOR, PHOTO- DIODE OR SENSOR COMPRISING A STRUCTURED POLYMERIC SIMI- CONDUCTOR AS OBTAINED WITH THE METHOD
- PROCEDE POUR LA REALISATION D'UN SEMI-CONDUCTEUR A BASE DE POLYMERES STRUCTURE, ET DIODE ELECTROLUMINESCENTE, TRANSISTOR, PHOTO- DIODE OU CAPTEUR COMPORTANT UN SEMI-CONDUCTEUR A BASE DE POLYMERES STRUCTURES OBTENUS PAR UN TEL PROCEDE
- (71) NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAP- PELIJK ONDERZOEK TNO [NL/NL]; Schoemakerstraat 97, NL-2628 VK Delft (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VAN BREEMEN, Albert, Jos, Jan, Marie [NL/NL]; Madernolaan 2, NL-5624 KT Eindhoven (NL). SCHOO, Harmannus, Franciscus, Maria [NL/NL]; Bokshedsedijk 49, NL-5521 PR Eersel (NL). HERWIG, Peter, Tobias [NL/NL]; Morsestraat 5, NL-5621 AL Eindhoven (NL). HOEKERD, Kornelis, Thijmen [NL/NL]; Maria van Bourgondiëlaan 109, NL-5616 ED Eindhoven (NL).
- (74) WINCKELS, J., H., F.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G03F 7/038, H01L 51/40
- (11) WO 2004/090639 (13) A2
- (21) PCT/NL2004/000227
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) nl (26) en
- (30) 1023125 8 Apr/avr 2003 NL (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COMPOSITION FOR FORMATION OF UNDERLAYER FILM FOR LITHOGRAPHY CONTAINING EPOXY COMPOUND AND CARBOXYLIC ACID COMPOUND
- COMPOSITION POUR LA FORMATION D'UN FILM DE SUPPORT POUR LA LITHOGRAPHIE CONTENANT UN COMPOSE EPOXYDIQUE ET UN COMPOSE D'ACIDE CARBOXYLIQUE
- (71) NISSAN CHEMICAL INDUSTRIES, LTD. [JP/JP]; 7-1, Kandanishiki-cho 3-chome, Chiyoda-ku, Tokyo 1010054 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KISHIOKA, Takahiro [JP/JP]; c/o Nissan Chemical Industries, Ltd. Toyama Research and Development Center, 635, Sasakura, Fuchu-machi, Nei-gun, Toyama 9392753 (JP).
- (74) HANABUSA, Tsuneo et al. / etc.; c/o Hanabusa Patent Office, Shin-Ochanomizu Urban Trinity, 2, Kandasurugadai 3-chome, Chiyoda-ku, Tokyo 1010062 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G03G
- (11) WO 2004/090641 (13) A2
- (21) PCT/US2004/010105
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 60/459,059 31 Mar/mar 2003 US (31.03.2003)
- (30) 10/812,683 30 Mar/mar 2004 US (30.03.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ELECTROGRAPHIC IMAGE DEVELOPING APPARATUS AND PROCESS
- APPAREIL ET PROCEDE DE DEVELOPPEMENT D'IMAGE ELECTROGRAPHIQUE
- (71) EASTMAN KODAK COMPANY [US/US]; 343 State Street, Rochester, NY 14650 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) STELTER, Eric, C.; 10 Oak Meadow Trail, Pittsford, NY 14534 (US). GUTH, Joseph, E.; 4616 Bennetts Corners Road, Holley, NY 14470 (US).
- (74) LEFFEL, Kevin, L.; Heidelberg Digital L.L.C., 2600 Manitou Road, Rochester, NY 14624 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03G 5/00, 7/00, B41M 5/00, 7/00, D21H 19/32

(11) WO 2004/090642 (13) A1

(21) PCT/FI2004/000212

(22) 7 Apr/avr 2004 (07.04.2004)

(25) fi (26) en

(30) 20030541 10 Apr/avr 2003 FI (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR USE OF A POLYMER COATED PAPER OR BOARD AS PRINTING SUBSTRATE, A PRINTED PRODUCT OBTAINED BY THE METHOD AND USE OF A COATING

• PROCEDE D'UTILISATION D'UN PAPIER OU CARTON RECOUVERT DE POLYMERE COMME SUBSTRAT D'IMPRESSION, PRODUIT IMPRIME OBTENU PAR CE PROCEDE ET UTILISATION D'UN REVETEMENT

(71) FINNISH CHEMICALS OY [FI/FI]; Päätie 26, P.O. Box 7, FI-32741 Äetsä (FI). STORA ENSO OYJ [FI/FI]; Kanavaranta 1, FI-00160 Helsinki (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAAKANA, Sami, Pekka, Juhani [FI/FI]; Lavatie 6 A 4, FI-49410 Poitsila (FI). VESANTO, Risto [FI/FI]; Koivuniementie 30, FI-55800 Imatra (FI).

(74) BERGGREN OY AB; P.O. Box 16, (Jaakonkatu 3 A), FI-00101 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G03G 5/04, 5/147

(11) WO 2004/090643 (13) A1

(21) PCT/JP2004/004681

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-101694 4 Apr/avr 2003 JP (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ELECTROPHOTOGRAPHIC PHOTOSENSITIVE BODY AND IMAGE FORMING APPARATUS COMPRISING IT

• CORPS PHOTOSENSIBLE ELECTROPHOTOGRAPHIQUE ET DISPOSITIF DE FORMATION D'IMAGE COMPRENANT CE CORPS

(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) FUKUSHIMA, Kotaro [JP/JP]; 1-6-2-508, Tadasakuragi, Kawanishi-shi, Hyogo 666-0124 (JP). UTSUMI, Hisayuki [JP/JP]; 1-24-25-C201, Gojonishi, Nara-shi, Nara 630-8034 (JP). TAKESAWA, Yohichi [JP/JP]; 1-C6-210, Shinsenrinishimachi 3-chome, Toyonaka-shi, Osaka 560-0083 (JP). MIMURA, Shinya [JP/JP]; Rorerukoto Nara 404, 1-1, Nakatsuji-cho, Nara-shi, Nara 630-8315 (JP). MORITA, Tatsuhiko [JP/JP]; 34-1-10, Asahigaoka, 994-3, Kaminaka, Kashiba-shi, Nara 639-0265 (JP). TAKANO, Katsuya [JP/JP]; Rorerukoto Koriyama 1006, 96-7, Takada-cho, Yamatokoriyama-shi, Nara 639-1132 (JP).

(74) SAIKYO, Keiichi et al. / etc.; Shikishima Building, 2-6, Bingomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03G 9/08

(11) WO 2004/090644 (13) A1

(21) PCT/KR2004/000813

(22) 8 Apr/avr 2004 (08.04.2004)

(25) ko (26) en

(30) 10-2003-0021801 8 Apr/avr 2003 KR (08.04.2003)

(30) 10-2004-0023749 7 Apr/avr 2004 KR (07.04.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TONER HAVING BI-LAYER OR TRIPLE-LAYER

• TONER A STRUCTURE DOUBLE COUCHE OU TRIPLE COUCHE

(71) LG CHEM, LTD [KR/KR]; LG Twin Towers, East Tower, 20, Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JUNG, Woo-Cheul [KR/KR]; 937-15 Sinjeong-dong, Nam-gu, Ulsan 680-010 (KR). LEE, Wong-Ki [KR/KR]; Lg Chem Apt. 8-307, Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR). YOON, Tae-Hee [KR/KR]; Dungje Apt. 102-805, Dunsan 2-dong, Seo-gu, Daejeon 302-734 (KR).

(74) CHO, In-jae; NewKorea International Patent & Law Office, 3rd FL., Janghyun bldg., 637-23, Yeoksam-dong, Gangnam-gu, Seoul 135-909 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03G 15/00, B65D 85/672

(11) WO 2004/090645 (13) A1

(21) PCT/EP2004/003919

(22) 14 Apr/avr 2004 (14.04.2004)

(25) de (26) de

(30) 103 17 165.7 14 Apr/avr 2003 DE (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR HANDLING AN ENDLESS BELT FOR AN ELECTROPHOTOGRAPHIC PRINTER, AND A STORAGE UNIT HAVING A RETAINING DEVICE FOR THIS ENDLESS BELT

• PROCEDE DE MANIPULATION D'UNE BANDE SANS FIN POUR IMPRIMANTE ELECTROPHOTOGRAPHIQUE ET UNITE DE STOCKAGE MUNIE D'UN DISPOSITIF DE RETENUE POUR LADITE BANDE SANS FIN

(71) OCÉ PRINTING SYSTEMS GMBH [DE/DE]; Siemensallee 2, 85586 Poing (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) RUMPEL, Peter [DE/DE]; Lindenweg 17, 83620 Feldkirchen-Westerham 1 (DE). TOPP, Winfried [DE/DE]; Brabanter Strasse 21, 80505 München (DE).

(74) SCHAUMBURG, Karl-Heinz et al. / etc.; Schaumburg, Thoernes, Thurn, Postfach 86 07 48, 81634 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

- CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- (51)⁷ **G03H 1/02, 1/04**
(11) **WO 2004/090646** (13) A1
(21) PCT/JP2004/004065
(22) **24 Mar/mar 2004 (24.03.2004)**
(25) ja (26) ja
(30) 2003-105006 **9 Apr/avr 2003** JP
(09.04.2003)
(30) 2003-194816 **10 Jul/juill 2003** JP
(10.07.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • HOLOGRAPHIC RECORDING
MEDIUM AND RECORDING METHOD
USING THE SAME
• SUPPORT D'ENREGISTREMENT
HOLOGRAPHIQUE ET PROCEDE
D'ENREGISTREMENT UTILISANT CE
SUPPORT
(71) **KONICA MINOLTA MEDICAL &
GRAPHIC, INC.** [JP/JP]; 26-2, Nishishin-
juku 1-chome, Shinjuku-ku, Tokyo 163-0512
(JP).
(72) **TAKEYAMA, Toshihisa**; c/o Konica Mi-
nolta Medical & Graphic, Inc. (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- (51)⁷ **G03H 1/08**
(11) **WO 2004/090647** (13) A1
(21) PCT/JP2004/004830
(22) **2 Apr/avr 2004 (02.04.2004)**
(25) ja (26) ja
(30) 2003-101736 **4 Apr/avr 2003** JP
(04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • COMPUTER-GENERATED HOLO-
GRAM
• HOLOGRAMME GENERE PAR ORDI-
NATEUR
(71) **DAI NIPPON PRINTING CO. LTD.**
[JP/JP]; 1-1, Ichigaya-Kagacho 1-Chome,
Shinjuku-Ku, Tokyo, 1628001 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) **KITAMURA, Mitsuru**, [JP/JP]; C/O
DAI NIPPON PRINTING CO. LTD., 1-1,
Ichigaya-Kagacho 1-Chome, Shinjuku-Ku,
Tokyo, 1628001 (JP).
(74) **NIRASAWA, Hiroshi**, et al. / etc.; AZUSA
PATENT OFFICE, Ueno-Suzuki Bldg. 7th
Floor, 16-3, Ueno 3-Chome, Taito-Ku, Tokyo,
1100005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- (51)⁷ **G04B 47/04**
(11) **WO 2004/090648** (13) A1
(21) PCT/IB2003/001260
(22) **7 Apr/avr 2003 (07.04.2003)**
(25) fr (26) fr
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • WATCH WITH MOVABLE DECORA-
TIVE ELEMENTS
• MONTRE MUNIE D'ELEMENTS DE
DECORATION MOBILES
(71) **ARCAR TRAMEX S.A.** [CH/CH]; Route
de Chêne 41A, CH-1208 GENEVE (CH).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) **GUYOT, Alain** [CH/CH]; 9, Rue du
Chapeau-Rablé, CH-2300 LA CHAUX-DE-
FONDS (CH).
(74) **KILIARIDIS, Constantin** et al. / etc.; C/O
BUGNION S.A., Case Postale 375, CH-1211
Genève 12 (CH).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OMPH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
- (51)⁷ **G05B**
(11) **WO 2004/090649** (13) A2
(21) PCT/US2004/009939
(22) **30 Mar/mar 2004 (30.03.2004)**
(25) en (26) en
(30) 10/407,259 **4 Apr/avr 2003** US
(04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • FIRSTTOUT SHUTDOWN TRACING
FOR FUEL PROCESSOR CONTROL
SYSTEM
• DEPISTAGE DE LA TOUTE PREMIERE
CONDITION D'ARRET POUR UN SYS-
TEME DE COMMANDE DE CONVER-
TISSEUR DE COMBUSTIBLE
(71) **TEXACO DEVELOPMENT CORPO-
RATION** [US/US]; 6001 Bollinger Canyon
Road, 3rd Floor, San Ramon, CA 94583
(US).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) **MIRKOVIC, Vesna, R.** [YU/US]; 2201
Land Street, Pearland, TX 77584 (US).
WHEAT, William, S. [US/US]; 3413 Crosby
Landing, Missouri City, TX 77459 (US).
(74) **TURNER, Frank, C.** 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- (51)⁷ **G05B 19/00**
(11) **WO 2004/090650** (13) A2
(21) PCT/EP2004/001732
(22) **21 Feb/fév 2004 (21.02.2004)**
(25) de (26) de
(30) 103 16 102.3 **9 Apr/avr 2003** DE
(09.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • METHOD FOR CONTROLLING AND
PLANNING THE ORDER OF PRODUC-
TION
• PROCEDE POUR COMMANDER ET
PLANIFIER LA SEQUENCE DE FA-
BRICATION
(71) **DAIMLERCHRYSLER AG** [DE/DE]; Ep-
plestrasse 225, 70567 Stuttgart (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) **DAFERNER, Martin** [DE/DE];
Brahmsstrasse 2, 71065 Sindelfingen (DE).
SUPPER, Reiner [DE/DE]; Hinterweiler
Strasse 4, 71063 Sindelfingen (DE).
(74) **LINDNER-VOGT, Karin** et al. / etc.;
DaimlerChrysler AG, Intellectual Property
Management, IPM - C106, 70546 Stuttgart
(DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF

- CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G05B 19/418**
- (11) **WO 2004/090651** (13) A1
(21) PCT/EP2004/001564
(22) **19 Feb/fév 2004 (19.02.2004)**
(25) de (26) de
(30) 103 16 103.1 **9 Apr/avr 2003 DE (09.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **METHOD FOR CONTROLLING A PRODUCTION SEQUENCE**
• **PROCEDE DE COMMANDE D'UNE SEQUENCE DE FABRICATION**
- (71) **DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).**
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAFERNER, Martin [DE/DE]; Brahmstrasse 2, 71065 Sindelfingen (DE). SUPPER, Reiner [DE/DE]; Hinterweiler Strasse 4, 71063 Sindelfingen (DE).**
- (74) **LINDNER-VOGT, Karin et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G05D 16/20**
- (11) **WO 2004/090652** (13) A1
(21) PCT/JP2004/005000
(22) **7 Apr/avr 2004 (07.04.2004)**
(25) ja (26) ja
(30) 2003-103594 **8 Apr/avr 2003 JP (08.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **HIGH-SPEED GAS PRESSURE-CONTROLLING DEVICE**
• **REGULATEUR DE PRESSION DE GAZ HAUTE VITESSE**
- (71) **THE CIRCLE FOR THE PROMOTION OF SCIENCE AND ENGINEERING [JP/JP]; 2-12-1, Ookayama, Meguro-ku, Tokyo, 1528550 (JP).**
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAGAWA, Toshiharu [JP/JP]; c/o Tokyo Institute of Technology, 4259, Nagatsuta-cho, Midori-ku, Yokohama-shi, Kanagawa, 2268502 (JP).**
- (74) **ISONO, Michizo; c/o Isono International Patent Office Sabo Kaikan Annex, 7-4, Hirakawa-cho 2-chome, Chiyoda-ku, Tokyo, 1020093 (JP).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G05D 22/02, F24F 11/00, 3/14**
- (11) **WO 2004/090653** (13) A1
(21) PCT/GB2004/001402
(22) **1 Apr/avr 2004 (01.04.2004)**
(25) en (26) en
(30) 0307910.0 **5 Apr/avr 2003 GB (05.04.2003)**
(30) 0310637.4 **8 May/mai 2003 GB (08.05.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **DEHUMIDIFIER CONTROL SYSTEM**
• **SYSTEME DE COMMANDE DE DE-SHUMIDIFICATEUR**
- (71) **EBAC LIMITED [GB/GB]; St Helen Trading Estate, Bishop Auckland, Durham DL14 9AL (GB).**
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ELLIOTT, John, Malcolm [GB/GB]; 63 Etherley Lane, Bishop Auckland, Durham DL14 7QZ (GB).**
- (74) **CRASKE, Stephen; Patent Law Chambers, 15 Queens Terrace, Exeter, Devon EX4 4HJ (GB).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F**
- (11) **WO 2004/090654** (13) A2
(21) PCT/DE2004/000705
(22) **1 Apr/avr 2004 (01.04.2004)**
(25) de (26) de
(30) 103 15 638.0 **4 Apr/avr 2003 DE (04.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **PROGRAM-CONTROLLED UNIT**
• **UNITE COMMANDEE PAR PROGRAMME**
- (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) **BÖNING, Werner [DE/DE]; Prinzenstr. 31, 80639 München (DE).**
- (74) **REPLOW, Ines et al. / etc.; Patentanwälte Jannig & Repkow, Klausenberg 20, 86199 Augsburg (DE).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F**
- (11) **WO 2004/090655** (13) A2
(21) PCT/EP2004/003522
(22) **2 Apr/avr 2004 (02.04.2004)**
(25) en (26) en
(30) 10/413,044 **14 Apr/avr 2003 US (14.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **METHOD AND SYSTEM FOR DIGITAL RIGHTS MANAGEMENT**
• **PROCEDE ET SYSTEME POUR LA GESTION DES DROITS NUMERIQUES**
- (71) **TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) [SE/SE]; S-164 83 Stockholm (SE).**
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BJÖRKENGREN, Ulf [SE/SE]; Näktergalsvägen 26, S-237 34 Bjärred (SE).**
- (74) **ONSHAGE, Anders; Ericsson AB, Patent Unit Mobile Platforms, S-221 83 Lund (SE).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ G06F
(11) WO 2004/090656 (13) A2
(21) PCT/IB2004/001087
(22) 7 Apr/avr 2004 (07.04.2004)
(25) en (26) en
(30) 10/412,622 11 Apr/avr 2003 US (11.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COOKIES/LIBERTY ENABLER FOR PROCESSING CONNECTIONS BETWEEN USER/AGENT AND ORIGIN SERVER IN WIRELESS NETWORK
• ACTIVATEUR DE COOKIES ET/OU DU PROTOCOLE LIBERTY POUR LE TRAITEMENT DES CONNEXIONS ENTRE UTILISATEUR ET/OU AGENT ET LE SERVEUR D'ORIGINE DANS UN RESEAU SANS FIL
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (71) NOKIA INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
(only for / seulement pour LC)
- (72, 75) ATAMANIYOUK, Valeri [RU/FI]; Ajurinkatu 4C 30, FIN-02600 Espoo (FI).
- (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
(11) WO 2004/090658 (13) A2
(21) PCT/IB2004/001626
(22) 7 Apr/avr 2004 (07.04.2004)
(25) en (26) en
(30) 60/461,037 7 Apr/avr 2003 US (07.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DIGITAL MEDIA FILE CONVERSION
• CONVERSION DE FICHIERS DE MEDIAS NUMERIQUES
- (71) DCODE NCODE INTERNATIONAL CORPORATION [BB/BB]; Chancery Chambers, Chancery House, Bridgetown (BB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROGERS, Richard, B. [CA/CA]; 29 Woodcrest Avenue, St. Albert, Alberta T8N 3H6 (CA). KNEBEL, Cheryl, M. [CA/CA]; 15128-45 Avenue, Edmonton, Alberta T6H 5L1 (CA). MILINUSIC, Tomislav, F. [CA/CA]; 6507-148 Street, Edmonton, Alberta T6H 4J4 (CA). BERTRAND, John, M. [CA/CA]; 4415B-211 Street, Edmonton, Alberta T6M 2P3 (CA).
- (74) CASPERSON, John, R.; P.O. Box 2174, TX, Friendswood, TX 77549 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
(11) WO 2004/090657 (13) A2
(21) PCT/IB2004/001093
(22) 7 Apr/avr 2004 (07.04.2004)
(25) en (26) en
(30) 10/412,536 11 Apr/avr 2003 US (11.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SYSTEM AND METHOD FOR USING A MOBILE ROUTING TUNNELING PROTOCOL TO LOCATE FUNCTIONALITY IN A DISTRIBUTED ARCHITECTURE
• SYSTEME ET PROCEDE D'UTILISATION D'UN PROTOCOLE D'ACHEMINEMENT DE MOBILES PAR ENCAPSULATION, DIT "TUNNELING", POUR REPERER UNE FONCTIONNALITE DANS UNE ARCHITECTURE REPARTIE
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (71) NOKIA INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
(only for / seulement pour LC)
- (72, 75) DAS, Debashis [IN/US]; 158 Concord Road, Apt. H-22, Billerica, MA 01821 (US).
- (74) WRIGHT, Bradley, C.; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
-
- (51)⁷ G06F
(11) WO 2004/090659 (13) A2
(21) PCT/IB2004/050401
(22) 5 Apr/avr 2004 (05.04.2004)
(25) en (26) en
(30) 60/462,210 10 Apr/avr 2003 US (10.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OPTIMIZING ACTIVE DECISION MAKING USING SIMULATED DECISION MAKING
• OPTIMISATION DE PRISE ACTIVE DE DECISIONS AU MOYEN D'UNE SIMULATION DE PRISE DE DECISION
- (71, 72) DALAL, Mukesh [US/US]; 1533 Rio Grande Street, Davis, CA 95616 (US).
PRIEDITIS, Armand [US/US]; 1513 Hampton Drive, Davis, CA 95616 (US).
- (74) DALAL, Mukesh; 1533 Rio Grande Street, Davis, CA 95616 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ G06F
(11) WO 2004/090660 (13) A2
(21) PCT/IB2004/000807
(22) 11 Mar/mar 2004 (11.03.2004)
(25) en (26) en
(30) 10/409,939 9 Apr/avr 2003 US (09.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CONTROLLING USAGE OF SYSTEM RESOURCES BY A NETWORK MANAGER
• REGULATION DE L'USAGE DES RESOURCES SYSTEME PAR UN GESTIONNAIRE DE RESEAU
- (71) NOKIA, INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DAS, Debashis [IN/US]; 158 Concord Road, Apt. H-22, Billerica, MA 01821 (US).
- (74) WRIGHT, Bradley, C.; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) WO 2004/090661 (13) A2
- (21) PCT/IL2004/000316
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 60/461,319 8 Apr/avr 2003 US (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A PORTABLE WIRELESS GATEWAY FOR REMOTE MEDICAL EXAMINATION
- PASSERELLE PORTABLE SANS FIL POUR EXAMEN MEDICAL A DISTANCE
- (71) MEDIC4ALL A.G [CH/CH]; MEDIC4ALL A.G, Alpenstrasse 1, CH-6304 ZUG (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHMUELI, Ram [IL/IL]; SHMUELI Ram, 12 Nordau St, Ramat Hasharon, 47269 (IL). COHEN, Moshe [IL/IL]; COHEN Moshe, 89 Savidor St, Netanya, 42655 (IL). MISAN, Shai [IT/IT]; Shai MISAN, 4 P.Benco, I-34100 Trieste (IT).
- (74) BACHAR, Avi; Medic4all Israel Ltd, 10 HaMifalsim St., P.O. Box 4222, 49000 Petach-Tikva (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations
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- (51)⁷ G06F
- (11) WO 2004/090662 (13) A2
- (21) PCT/US2004/010028
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 60/459,692 2 Apr/avr 2003 US (02.04.2003)
- (30) 60/460,540 4 Apr/avr 2003 US (04.04.2003)
- (30) 60/460,537 4 Apr/avr 2003 US (04.04.2003)
- (30) 10/654,280 3 Sep/sep 2003 US (03.09.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SYSTEM AND METHOD FOR WAGERING-BASED TRANSFERABLE FINANCIAL INSTRUMENTS
- SYSTEME ET PROCEDE APPLICABLES A DES INSTRUMENTS FINANCIERS TRANSFERABLES, BASES SUR DES PARIS
- (71) CANTOR INDEX LLC [US/US]; 135 East 57th Street, New York, NY 10022 (US).
- (72) ASHER, Joseph, M.; 321 West 76th Street, Apartment 2A, New York, NY 10023 (US). CROSTHWAITE, Dominic; Flat 2, 88 Huron Road, London SW17 8RD (GB). LUTNICK, Howard, W.; 180 East 64th Street, New York, NY 10021 (US). RICHES, Guy, Iain, Oliver; The Elms Church Lane, Thorpe Satchville, Melton Mowbray, Leicestershire LE14 2DF (GB).
- (74) BHAVSAR, Samir, A.; Baker Botts L.L.P., Suite 600, 2001 Ross Avenue, Dallas, TX 75201-2980 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations
-
- (51)⁷ G06F
- (11) WO 2004/090663 (13) A2
- (21) PCT/US2004/010061
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 10/404,064 2 Apr/avr 2003 US (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ARRANGEMENT IN A ROUTER FOR GENERATING A ROUTE BASED ON A PATTERN OF A RECEIVED PACKET
- AGENCEMENT DANS UN ROUTEUR POUR LA GENERATION D'UNE ROUTE BASEE SUR UNE CONFIGURATION D'UN PAQUET REÇU
- (71) CISCO TECHNOLOGY INC. [US/US]; 170 West Tasman Drive, San Jose, CA 95134-1706 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) THUBERT, Pascal [FR/FR]; La Pinatelo, Villa 13, Chemin des Bas Camps, F-06480 La Colle Sur Loup (FR). MOLTENI, Marco [IT/FR]; 36, Vieux Chemin de Saint Laurent, F-06600 Antibes (FR). WETTERWALD, Patrick [FR/FR]; 32, Chemin de Saint Laurent, F-06800 Cagnes sur Mer (FR). LEVY-ABEGNOLI, Eric, M. [FR/FR]; 1282, Chemin de Peyrebelle, F-06560 Valbonne (FR).
- (74) TURKEVICH, Leon, R. et al. / etc.; 2000 M Street, N.W., Suite 700, Washington, DC 20036-3307 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations
-
- (51)⁷ G06F
- (11) WO 2004/090664 (13) A2
- (21) PCT/US2004/010067
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 60/459,874 1 Apr/avr 2003 US (01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A COMBINED MOBILE COMMUNICATION PLUS POINTING DEVICE
- DISPOSITIF MOBILE COMBINE DE COMMUNICATION ET DE POINTAGE
- (71) WILDSEED LTD. [US/US]; 10210 NE Points Drive, Suite 300, Kirkland, WA 98033 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ENGSTROM, G., Eric [US/US]; 12415 Holmes Pt. Dr. NE, Kirkland, WA 98033 (US). ZATLOUKAL, Peter [US/US]; 218 Main Street #480, Kirkland, WA 98033 (US).
- (74) AUYEUNG, Aloysius, T., C. et al. / etc.; Schwabe, Williamson & Wyatt, P.C., Pacwest Center, Suites 1600-1900, 1211 SW Fifth Avenue, Portland, OR 97204-3795 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ G06F
 (11) WO 2004/090665 (13) A2
 (21) PCT/US2004/010069
 (22) 31 Mar/mar 2004 (31.03.2004)
 (25) en (26) en
 (30) 60/459,561 31 Mar/mar 2003 US (31.03.2003)
 (30) 10/453,761 3 Jun/juin 2003 US (03.06.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • SYSTEM AND METHOD FOR BETTING ON-THE-BOARD OR OFF-THE-BOARD IN AN EVENT
 • SYSTEME ET PROCEDE DE PARI SUR OU CONTRE UN PARTICIPANT DANS UN EVENEMENT
 (71) CANTOR INDEX LLC [US/US]; 135 E. 57th Street, New York, NY 10022 (US).
 (72) AMAITIS, Lee, M.; 20 Porchester Terrace, London W2 3TL (GB). ASHER, Joseph, M.; 321 W. 76th Street, Apartment 2A, New York, NY 10023 (US). BURGIS, Adam; 31a Lorne Road, Finsbury Park, London N4 3RU (GB). CROSTHWAITE, Dominic; Flat 2, 88 Huron Road, London SW17 8RD (GB).
 (74) BHAVSAR, Samir, A.; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
 (s) for all designations / pour toutes les désignations
 (t) for all designations / pour toutes les désignations
-
- (51)⁷ G06F
 (11) WO 2004/090666 (13) A2
 (21) PCT/US2004/010084
 (22) 2 Apr/avr 2004 (02.04.2004)
 (25) en (26) en
 (30) 10/407,756 4 Apr/avr 2003 US (04.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • METHOD AND SYSTEM TO DISCHARGE A LIABILITY ASSOCIATED WITH A PROPRIETARY CURRENCY
 • PROCEDE ET APPAREIL PERMETTANT DE SE DECHARGER D'UNE DETTE LIEE A UNE MONNAIE PARTICULIERE
 (71) EBAY INC. [US/US]; 2145 Hamilton Avenue, San Jose, CA 95125 (US).
 (for all designated States except / pour tous les États désignés sauf US)
-
- (72, 75) ODA, Lisa, Maureen [US/US]; 2321 Eaton Avenue, San Carlos, CA 94070 (US). KURIE, Todd [US/US]; 246 Hawthorne Avenue, Palo Alto, CA 94301 (US).
 (74) MARAIS, Andre, L. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F
 (11) WO 2004/090667 (13) A2
 (21) PCT/US2004/010112
 (22) 31 Mar/mar 2004 (31.03.2004)
 (25) en (26) en
 (30) 10/403,616 31 Mar/mar 2003 US (31.03.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • METHOD AND APPARATUS FOR EXTENDING PROTECTED CONTENT ACCESS WITH PEER TO PEER APPLICATIONS
 • PROCEDE ET APPAREIL POUR ETENDRE L'ACCES A UN CONTENU PROTEGE AU MOYEN D'APPLICATIONS PAIR A PAIR
 (71) SONY ELECTRONICS INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).
 (72) GIBBS, Simon; 3300 Zanker Road, San Jose, CA 95134 (US). GAUBA, Ravi; 3300 Zanker Road, San Jose, CA 95134 (US). WANG, Sidney; 3300 Zanker Road, San Jose, CA 95134 (US). LIU, Jeff; 3300 Zanker Road, San Jose, CA 95134 (US). HOCH, Michael; 3300 Zanker Road, San Jose, CA 95134 (US).
 (74) BUTLER, Richard, H.; Valley Oak Law, 5655 Silver Creek Valley Road, #106, San Jose, CA 95138 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F
 (11) WO 2004/090668 (13) A2
 (21) PCT/US2004/010179
 (22) 2 Apr/avr 2004 (02.04.2004)
 (25) en (26) en
 (30) 10/404,108 2 Apr/avr 2003 US (02.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • TECHNIQUES FOR FACILITATING ITEM SHARING
 • TECHNIQUES PERMETTANT DE FACILITER LE PARTAGE D'UN ARTICLE
 (63) US 10/404,108 (CON) 26 May/mai 2004 (26.05.2004)
 (71) AMERICA ONLINE, INC. [US/US]; 22000 AOL Way, Dulles, VA 20166 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) ROSENBLATT, Ira [US/US]; 932 Jaysmith St., Great Falls, VA 22066 (US). UBERTI, Justin [US/US]; 22959 Rock Hill Road, Sterling, VA 20166 (US).
 (74) RENNER, Karl, W.; Fish & Richardson P.C., 1425 K. Street N.W., 11th Floor, Washington, D.C. 20005-3500 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F
 (11) WO 2004/090669 (13) A2
 (21) PCT/US2004/010232
 (22) 2 Apr/avr 2004 (02.04.2004)
 (25) en (26) en
 (30) 10/407,811 4 Apr/avr 2003 US (04.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • MUSIC DISTRIBUTION SYSTEM
 • SYSTEME DE DISTRIBUTION MUSICALE
 (71) GIBSON GUITAR CORP. [US/US]; 309 Plus Park Boulevard, Nashville, TN 37217 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) JUSZKIEWICZ, Henry E., [US/US]; 309 Plus Park Boulevard, Nashville, TN 37217 (US).
 (74) SHOUSE, Emily A.; Waddey & Patterson, Bank of America Plaza, 414 Union Street, Suite 2020, Nashville, Tennessee 37219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/090670 (13) A2

(21) PCT/US2004/010386

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,222 4 Apr/avr 2003 US (04.04.2003)

(30) 10/713,576 12 Nov/nov 2003 US (12.11.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEMS AND METHODS FOR GENERATING CONCEPT UNITS FROM SEARCH QUERIES

• SYSTEMES ET PROCEDES PERMETTANT DE GENERER DES UNITES CONCEPTUELLES A PARTIR DE REQUETES

(71) YAHOO, INC. [US/US]; 701 First Avenue, Sunnyvale, CA 94089 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAPUR, Shyam [IN/US]; 955 Escalon Avenue, #309, Sunnyvale, CA 94085 (US).

JOSHI, Deepa [IN/US]; 900 Pepper Tree Lane, #1614, Santa Clara, CA 95051 (US).

(74) GRAY, Gerald, T. et al. / etc.; Townsend and Townsend and Crew Llp, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/090671 (13) A2

(21) PCT/US2004/010393

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,717 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM AND METHOD FOR ACCESSING DOCUMENT DATA VIA A WEB SERVICE

• SYSTEME ET PROCEDE PERMETTANT D'ACCEDE A DES DONNEES DE DOCUMENTS PAR L'INTERMEDIAIRE D'UN SERVICE WEB

(71) COMPUTER ASSOCIATES THINK, INC. [US/US]; One Computer Associates Plaza, Islandia, NY 11749 (US).

(72) DICK, Andrea; 25 Castleton Road, Princeton, New Jersey 08540 (US). BLAZEJEWSKI, Edward; 503 Southridge Circle, Yardley, PA 19067 (US). MOLLOY, Robert; 111 Jason Court, Delran, NJ 08075 (US). KENNEY, Joseph; 24-B Holly Cove, Mount Laurel, NJ 08054 (US). KUO, Chao-Hen; 308 Exeter Road, Devon, PA 19333 (US). ANGLE, Thomas; 21 Cliveden Drive, Newtown, PA 18940 (US).

(74) LECH, Robert, R.; Calfee, Halter & Griswold LLP, 21 East State Street, Suite 1100, Columbus, OH 43215-4243 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/090672 (13) A2

(21) PCT/US2004/010424

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,072 2 Apr/avr 2003 US (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHODS AND SYSTEMS FOR CONTROLLING NETWORK INFRASTRUCTURE DEVICES

• PROCEDES ET SYSTEMES PERMETTANT DE COMMANDER DES DISPOSITIFS D'INFRASTRUCTURE DE RESEAU

(71) NETWORK CLARITY, INC. [US/US]; 701 Fifth Avenue, 42nd Floor, Seattle, Washington 98104 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MADSEN, Mark, E. [US/US]; 600 NE 77th Street, Seattle, WA 98115 (US).

WHEELER, Christopher, D. [US/US]; 1200 Alki Avenue SW, Apt. 2, Seattle, WA 98116 (US).

CHUANG, Shaw [SG/US]; 777 W. Middlefield Road, Apt. 72, Mountain View, CA 94043 (US).

HINDERLITER, Timothy, D. [US/US]; 5012 28th Avenue South, Seattle, WA 98108 (US).

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WINDSOR, Christine,

R. [US/US]; 4228 230th Way SE, Sammamish, WA 98075 (US).

(74) ORRICK HERRINGTON & SUTCLIFFE LLP et al. / etc.; 4 Park Plaza, Suite 1600, Irvine, ca 92614-2558 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/090673 (13) A2

(21) PCT/US2004/010435

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,015 3 Apr/avr 2003 US (03.04.2003)

(30) 10/607,677 27 Jun/juin 2003 US (27.06.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONSUMER TRANSACTION-BASED MARKETING OF GOODS AND SERVICES

• MARKETING DE BIENS ET DE SERVICES BASE SUR LES TRANSACTIONS DES CONSOMMATEURS

(71) C1ST CONCEPT, L.L.C. [US/US]; One Financial Way, Suite 304, Cincinnati, OH 45242 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAPIER, Larry [US/US]; 2763 New Port Royal Road, Thompson Station, TN 37179 (US). GRAHAM, Stuart [IE/IE]; 12444 Whispering Tree Lane, Poway, CA 92604 (US).

(74) ALLEN, William, R., Ph., D. et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/090674 (13) A2

(21) PCT/US2004/010566

- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 60/460,653 4 Apr/avr 2003 US (04.04.2003)
- (30) 10/816,456 31 Mar/mar 2004 US (31.03.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CONTENT BRIDGE FOR ASSOCIATING HOST CONTENT AND GUEST CONTENT WHEREIN GUEST CONTENT IS DETERMINED BY SEARCH
- PONT DE CONTENU PERMETTANT D'ASSOCIER UN CONTENU HOTE A UN CONTENU INVITE, LE CONTENU INVITE ETANT OBTENU SUITE A UNE RECHERCHE
- (71) YAHOO! INC. [US/US]; 701 First Avenue, Sunnyvale, California 94089 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LU, Qi [CN/US]; 1066 Quail Creek Circle, San Jose, California 95120 (US).
- (74) ALBERT, Philip H. et al. / etc.; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, California 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) WO 2004/090676 (13) A2
- (21) PCT/US2004/010668
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 60/460,226 3 Apr/avr 2003 US (03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • REMOTE DISASTER DATA RECOVERY SYSTEM AND METHOD
- SYSTEME ET PROCEDE DE RECUPERATION DE DONNEES A DISTANCE APRES SINISTRE
- (71) COMMVAULT SYSTEMS, INC. [US/US]; 2 Crescent Place, Oceanport, NJ 07757-0090 (US).
- (72) PRAHLAD, Anand; 3 Bucknell Drive, East Brunswick, NJ 08816 (US). NGO, David; 152 Dorchester Way, Shrewsbury, NJ 07702 (US). LUNDE, Norman, R.; 6 Brasch Boulevard, Middletown, NJ 07748 (US). ZHOU, Lixin; 225 Plum Drive, Marlboro, NJ 07746 (US). KUMAR, Avinash; 901 Collins Avenue #3B (US). MAY, Andreas; 1 Carter Drive, Marlboro, NJ 07746 (US).
- (74) WOODS, James, J. et al. / etc.; Brown Raysman Millstein Felder & Steiner LLP, 900 Third Avenue, New York, NY 10022 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) WO 2004/090675 (13) A2
- (21) PCT/US2004/010665
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 60/460,183 3 Apr/avr 2003 US (03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SYSTEM AND METHOD FOR PERFORMING STORAGE OPERATIONS THROUGH A FIREWALL
- SYSTEME ET PROCEDE PERMETTANT DE REALISER DES OPERATIONS DE STOCKAGE A TRAVERS UN PARE-FEU
- (71) COMMVAULT SYSTEMS, INC. [US/US]; Two Crescent Place, Oceanport, NJ 07757-0090 (US).
- (72) EROFEEV, Andrei; 63 Kingfisher Court, Marlboro, NJ 07746 (US).
- (74) WOODS, James, J.; Brown Raysman Millstein Felder & Steiner LLP, 900 Third Avenue, New York, NY 10022 (US).
- (54) • SYSTEM AND METHOD FOR PROCESSING MULTIMEDIA CONTENT
- SYSTEME ET PROCEDE DE TRAITEMENT DE CONTENU MULTIMEDIA
- (71) BBC TECHNOLOGY HOLDINGS LIMITED [GB/GB]; Broadcasting House, Portland Place, London Greater London W1A 1AA (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FRANTZIS, Adam [GB/GB]; BBC Technology Ltd., Stadium House, London Greater London W12 7TA (GB). BAKER, Matthew [US/US]; BBC Technology Consultancy LLC, 10 Tenth Street, Suite 1050, Atlanta, Georgia 30309 (US). GAETZ, Ted [US/US]; Solutions Team Inc., 542 Pecan Creek Way SW, Loganville, Georgia 30052 (US). BAER, Bill [US/US]; BBC Technology Consultancy LLC, 6840 Via Del Oro, Suite 220, San Jose, California 95119 (US). SUBRAMANIAN, Praveen [US/US]; BBC Technology Consultancy LLC, 6840 Via Del Oro, Suite 220, San Jose, California 95119 (US).
- (74) ORRICK HERRINGTON & SUTCLIFFE LLP et al. / etc.; 4 Park Plaza, Suite 1600, Irvine, ca 92614-2558 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) WO 2004/090678 (13) A2
- (21) PCT/US2004/011206
- (22) 12 Apr/avr 2004 (12.04.2004)
- (25) en (26) en
- (30) 60/462,176 11 Apr/avr 2003 US (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SYSTEM AND METHOD FOR A LOTTERY AND AUCTION BASED TOURNAMENT ENTRY EXCHANGE PLATFORM
- SYSTEME ET PROCEDE D'ECHANGE DE DROITS DE PARTICIPATION A DES COMPETITIONS BASE SUR DES LOTERIES OU DES ENCHERES
- (71) CANTOR INDEX LLC [US/US]; 135 E. 57th Street, New York, NY 10022 (US).
- (72) ASHER, Joseph, M.; 321 W. 76th Street, Apartment 2A, New York, NY 10023 (US). CROTHWAITE, Dominic; Flat 2, 88 Huron Road, London SW17 8RD (GB). LUTNICK, Howard, W.; 180 E. 64th Street, New York, NY 10021 (US).
- (74) JOHNSON, Jay, B.; 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06F

(11) WO 2004/090679 (13) A2

(21) PCT/US2004/011443

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 60/462,851 14 Apr/avr 2003 US
(14.04.2003)

(30) 60/462,853 14 Apr/avr 2003 US
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ENVIRONMENTAL MONITORING
DEVICE

• DISPOSITIF DE SURVEILLANCE DE
L'ENVIRONNEMENT

(71) NETBOTZ, INC. [US/US]; 11044 Research
Blvd., Suite C-100, Austin, TX 78759 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) JOY, Ryan [US/US]; 1446 Hargis Creek
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Ronald [US/US]; 1003 Hawks Nest Cove,
Cedar Park, TX 78613 (US). SMITH, David,
K. [US/US]; 105 Tamara Court, Georgetown,
TX 78628 (US). SLADE, Boyd, E. [US/US];
1513 Wilson Heights Drive, Austin, TX
78746 (US).

(74) TOLER, LARSON & ABEL, LLP ET AL.
et al. / etc.; 5000 Plaza On The Lake, Suite
265, Austin, TX 78746 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06F

(11) WO 2004/090680 (13) A2

(21) PCT/US2004/009797

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,561 31 Mar/mar 2003 US
(31.03.2003)

(30) 10/453,557 3 Jun/juin 2003 US
(03.06.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM AND METHOD FOR BET-
TING ON AN EVENT USING AN
AUCTION

• SYSTEME ET PROCEDURE POUR PARI
SUREVENEMENT PAR MISE AUX EN-
CHERES

(71) CANTOR INDEX LLC [US/US]; 135 E.
57th Street, New York, NY 10022 (US).

(72) AMAITIS, Lee, M.; 20 Porchester Terrace,
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(74) BHAVSAR, Samir, A.; Baker & Botts,
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations

(t) for all designations / pour toutes les
désignations

(51)⁷ G06F

(11) WO 2004/090681 (13) A2

(21) PCT/US2004/009798

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,561 31 Mar/mar 2003 US
(31.03.2003)

(30) 10/667,923 22 Sep/sep 2003 US
(22.09.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM AND METHOD FOR BET-
TING ON A PARTICIPANT IN A GROUP
OF EVENTS

• SYSTEME ET METHODE POUR PARI-
ER SUR UN PARTICIPANT D'UN
GROUPE D'EVENEMENTS

(71) CANTOR INDEX LLC [US/US]; 135 E.
57th Street, New York, NY 10022 (US).

(72) AMAITIS, Lee, M.; 20 Porchester Terrace,
London W2 3TL (GB). ASHER, Joseph,
M.; 321 W. 76th Street, Apartment 2A, New
York, NY 10023 (US). BURGIS, Adam; 31a
Lorne Road, Finsbury Park, London N4 3RU
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88 Huron Road, London SW17 8RD (GB).

(74) BHAVSAR, Samir, A.; 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations

(t) for all designations / pour toutes les
désignations

(51)⁷ G06F

(11) WO 2004/090682 (13) A2

(21) PCT/US2004/009803

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/405,926 1 Apr/avr 2003 US
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MINIMIZATION OF CLOCK SKEW
AND CLOCK PHASE DELAY IN INTE-
GRATED CIRCUITS

• MINIMISATION DE LA DIFFERENCE
DU TEMPS DE PROPAGATION DU
SIGNAL D'HORLOGE ET DU TEMPS
DE PROPAGATION DE PHASE DU
SIGNAL D'HORLOGE DANS DES CIR-
CUITS INTEGRES

(71) AMMOCORE TECHNOLOGY, INC.
[US/US]; 2101 Tasman Drive, Suite 200A,
Santa Clara, CA 95054-1012 (US).

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les États désignés sauf US)*

(72) SRINIVASAN, Sandeep; 385 Oregon
Avenue, Palo Alto, CA 94301 (US).
BEREVOESCU, Paul; 2028 Jardin Drive,
Mountain View, CA 94040 (US).

(74) CASCIO, Anthony, Thomas; Cascio,
Schmoyer & Zervas, 423 Broadway Ave.,
Ste. 314, Millbrae, CA 94030-1905 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

- (51)⁷ G06F
(11) WO 2004/090683 (13) A2
(21) PCT/US2004/009813
(22) 31 Mar/mar 2004 (31.03.2004)
(25) en (26) en
(30) 60/459,057 31 Mar/mar 2003 US (31.03.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • SYSTEM AND METHOD FOR EFFICIENT SCHEDULING OF PERIODIC PHENOMENA
• SYSTEME ET PROCÉDE DE PROGRAMMATION EFFICACE DE PHÉNOMÈNES PÉRIODIQUES
(71) CETACEAN NETWORKS, INC. [US/US]; 110 Arboratum Drive, Portsmouth, NH 03801 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MOORE, Sean, S., B. [US/US]; 20 Mendelssohn Drive, Hollis, NH 03049 (US).
(74) BOURQUE, Daniel, J. et al. / etc.; Bourque & Associates, PA, Suite 301, 835 Hanover Street, Manchester, NH 03104 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
(11) WO 2004/090684 (13) A2
(21) PCT/US2004/009836
(22) 31 Mar/mar 2004 (31.03.2004)
(25) en (26) en
(30) 60/459,007 31 Mar/mar 2003 US (31.03.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • METHOD AND APPARATUS FOR MULTI-REALM SYSTEM MODELING
• PROCÉDE ET APPAREIL DE MODÉLISATION D'UN SYSTÈME MULTI-DO-MAINES
(71) SYSTEM MANAGEMENT ARTS, INC. [US/US]; 44 South Broadway, White Plains, NY 10601 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) YEMINI, Shaula, Alexander [US/US]; 29 Central Drive West, Briarcliff Manor, NY 10510 (US). DESIMONE, Salvatore [US/US]; 45 Sherman Heights, Woodbury, CT 06798 (US). FLORISSI, Patricia, Gomes, Soares [BR/US]; 11 Winterberry Lane, Briarcliff Manor, NY 10562 (US). KLIGER, Shmuel [US/US]; 60 Morningside Drive, Ossining, NY 10562 (US).
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- (51)⁷ G06F
(11) WO 2004/090685 (13) A2
(21) PCT/US2004/009851
(22) 31 Mar/mar 2004 (31.03.2004)
(25) en (26) en
(30) 60/459,168 31 Mar/mar 2003 US (31.03.2003)
(30) 10/806,687 23 Mar/mar 2004 US (23.03.2004)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • METHOD AND APPARATUS FOR MANAGING AND SHARING PERSONAL IDENTITIES IN A PEER-TO-PEER ENVIRONMENT
• PROCÉDE ET APPAREIL DE GESTION ET DE PARTAGE D'IDENTITÉS PERSONNELLES DANS UN ENVIRONNEMENT POINT-A-POINT
(71) SONY ELECTRONICS INC. [US/US]; a Delaware Corporation, 1 Sony Drive, Park Ridge, NJ 07656 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) PROEHL, Andrew, Mark [US/US]; 62 Belcher Street, San Francisco, CA 94114 (US).
(74) FORTKORT, Michael, P. et al. / etc.; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
(11) WO 2004/090686 (13) A2
(21) PCT/US2004/009887
(22) 30 Mar/mar 2004 (30.03.2004)
(25) en (26) en
(30) 10/406,108 2 Apr/avr 2003 US (02.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • UPGRADING DIGITAL MEDIA SERVERS
• MISE A JOUR DE SERVEURS NUMÉRIQUES DE MEDIA
(71) MIDSTREAM TECHNOLOGIES, INC. [US/US]; 777 108th Avenue NE, Suite 1700, Bellevue, WA 98004-5140 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) OESTERREICHER, Richard, T. [US/US]; 3871 Midshore Drive, Naples, FL 34109 (US). MURPHY, Craig [US/US]; 7614 130th Avenue, NE, Kirkland, WA 98033 (US).
(74) SOFFEN, Stephen, A.; Dickstein Shapiro Morin & Oshinsky LLP, 2101 L Street NW, Washington, DC 20037-1526 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
(11) WO 2004/090687 (13) A2
(21) PCT/US2004/009900
(22) 29 Mar/mar 2004 (29.03.2004)
(25) en (26) en
(30) 10/404,494 1 Apr/avr 2003 US (01.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • METHOD FOR RECURSIVE BGP ROUTE UPDATES IN MPLS NETWORKS
• PROCÉDE PERMETTANT DES MISES A JOUR RECURSIVES DE ROUTAGES BGP DANS DES RESEAUX MPLS
(71) CISCO TECHNOLOGY, INC. [US/US]; 170 West Tasman Drive, M/S 10/2/1, San Jose, CA 95134-1706 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) XU, Milton, Y. [US/US]; 6468 Bancroft Way, San Jose, CA 95129 (US). DONG, Liqin [CA/US]; 1654 Longspur Avenue, Sunnyvale, CA 94087 (US).
(74) KAPLAN, Cindy, S.; Ritter, Lang & Kaplan LLP, Suite D1, 12930 Saratoga Ave., Saratoga, CA 95070 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
 (11) WO 2004/090688 (13) A2
 (21) PCT/US2004/009923
 (22) 31 Mar/mar 2004 (31.03.2004)
 (25) en (26) en
 (30) 10/403,782 31 Mar/mar 2003 US (31.03.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • METHOD AND APPARATUS FOR DEVELOPING INTERFACE PROTOCOLS FOR PEER TO PEER APPLICATIONS
 • PROCEDE ET APPAREIL PERMETTANT DE DEVELOPPER DES PROTOCOLES D'INTERFACE POUR DES APPLICATIONS ENTRE HOMOLOGUES
 (71) SONY ELECTRONICS INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).
 (72) GIBBS, Simon; 3300 Zanker Road, San Jose, CA 95134 (US). GAUBA, Ravi; 3300 Zanker Road, San Jose, CA 95134 (US). WANG, Sidney; 3300 Zanker Road, San Jose, CA 95134 (US). LIU, Jeff; 3300 Zanker Road, San Jose, CA 95134 (US).
 (74) BUTLER, Richard, H.; Valley Oak Law, 5655 Silver Creek Valley Road, #106, San Jose, CA 95138 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
 (11) WO 2004/090689 (13) A2
 (21) PCT/US2004/009930
 (22) 31 Mar/mar 2004 (31.03.2004)
 (25) en (26) en
 (30) 10/403,639 31 Mar/mar 2003 US (31.03.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • METHOD AND APPARATUS FOR GUIDING A LESS EXPERIENCED USER
 • PROCEDE ET APPAREIL PERMETTANT DE GUIDER UN UTILISATEUR MOINS EXPERIMENTE
-
- (71) SONY ELECTRONICS INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).
 (72) EDWARDS, Eric; 3300 Zanker Road, San Jose, CA 95134 (US). TABATABAI, Ali; 3300 Zanker Road, San Jose, CA 95134 (US).
 (74) BUTLER, Richard, H.; Valley Oak Law, 5655 Silver Creek Valley Road, #106, San Jose, CA 95138 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
 (11) WO 2004/090690 (13) A2
 (21) PCT/US2004/009935
 (22) 31 Mar/mar 2004 (31.03.2004)
 (25) en (26) en
 (30) 10/405,410 2 Apr/avr 2003 US (02.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • FRAUD CONTROL METHOD AND SYSTEM FOR NETWORK TRANSACTIONS
 • PROCEDE ET SYSTEME DE LUTTE CONTRE LA FRAUDE DANS DES TRANSACTIONS EN RESEAU
 (71) DIGENCY, INC [US/US]; 3097 Stevenson Drive, Pebble Beach, CA 93953 (US).
 (72) STARRS, Ed; 3097 Stevenson Drive, Pebble Beach, CA 93953 (US).
 (74) LIU, Michel et al. / etc.; Sawyer Law Group LLP, P.O. Box 51418, Palo Alto, CA 94303 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
 (11) WO 2004/090691 (13) A2
 (21) PCT/US2004/009946
 (22) 31 Mar/mar 2004 (31.03.2004)
 (25) en (26) en
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- (30) 60/459,072 31 Mar/mar 2003 US (31.03.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • METHOD AND APPARATUS FOR SYSTEM MANAGEMENT USING CODEBOOK CORRELATION WITH SYMPTOM EXCLUSION
 • PROCEDE ET APPAREIL DE GESTION DE SYSTEME A PARTIR D'UNE MISE EN CORRELATION PAR LIVRE DE CODES AVEC EXCLUSION DE SYMPTOMES
 (71) SYSTEM MANAGEMENT ARTS, INC. [US/US]; 44 South Broadway, White Plains, NY 10601 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) OHSIE, David [US/US]; 6409 Western Run Drive, Baltimore, MD 21215 (US). DESIMONE, Salvatore [US/US]; 45 Sherman Heights, Woodbury, CT 06798 (US). FERREIRA, Nelson [PT/US]; 197 Drake Avenue, Apt. 2E, New Rochelle, NY 10805 (US). YARDENI, Eyal [IL/US]; 38 Eastern Drive, Ardsley, NY 10502 (US).
 (74) VALLABH, Rajesh et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
 (11) WO 2004/090692 (13) A2
 (21) PCT/US2004/009965
 (22) 1 Apr/avr 2004 (01.04.2004)
 (25) en (26) en
 (30) 60/460,434 4 Apr/avr 2003 US (04.04.2003)
 (30) 60/491,703 1 Aug/août 2003 US (01.08.2003)
 (30) 60/506,412 26 Sep/sep 2003 US (26.09.2003)
 (30) 60/523,058 18 Nov/nov 2003 US (18.11.2003)
 (30) 60/534,604 6 Jan/jan 2004 US (06.01.2004)
 (30) 60/537,761 20 Jan/jan 2004 US (20.01.2004)
 (30) 60/539,230 26 Jan/jan 2004 US (26.01.2004)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • METHODS AND SYSTEMS FOR INTERACTIVE EVOLUTIONARY COMPUTING (IEC)
 • PROCEDES ET SYSTEMES POUR LE CALCUL EVOLUTIF INTERACTIF

- (71) **ICOSYSTEM CORPORATION** [US/US]; 10 Fawcett Street, Cambridge, MA 02138 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BONABEAU, Eric** [US/US]; Cambridge, MA 02138 (US). **ANDERSON, Carl** [US/US]; Cambridge, MA 02138 (US). **ORME, Belinda** [US/US]; Cambridge, MA 02138 (US). **FUNES, Pable** [US/US]; Cambridge, MA 02138 (US). **MALINCHEK, Sergey** [US/US]; Cambridge, MA 02138 (US). **BANDTE, Oliver** [US/US]; Cambridge, MA 02138 (US). **SULLIVAN, Mark** [US/US]; Cambridge, MA 02138 (US).
- (74) **OLIVER, Kevin, A. et al.** / etc.; Patent Group, Foley Hoag LLP, 155 Seaport Avenue, Boston, MA 02210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2004/090694** (13) A1
- (21) PCT/BY2004/000010
- (22) **8 Apr/avr 2004 (08.04.2004)**
- (25) ru (26) ru
- (30) a20030310 **10 Apr/avr 2003 BY (10.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **ELECTRONIC DEVICE**
• **DISPOSITIF ELECTRONIQUE**
- (71, 72) **LYSENKO, Victor Grigorievich** [BY/BY]; prosp. Mascherova, 47-1-278, Minsk, 220035 (BY).
- (74) **TROFIMOV, Viatcheslav Vitalievitch**; prosp. F. Skoriny, 133-247, Minsk, 220114 (BY).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F**
- (11) **WO 2004/090693** (13) A2
- (21) PCT/US2004/009970
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) en (26) en
- (30) 60/459,548 **1 Apr/avr 2003 US (01.04.2003)**
- (30) 10/727,118 **2 Dec/déc 2003 US (02.12.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **METHODS AND SYSTEMS FOR DETERMINING NETWORK INTEGRITY AND PROVIDING IMPROVED NETWORK AVAILABILITY**
• **PROCEDES ET SYSTEMES POUR DETERMINER L'INTEGRITE DE RESEAU ET AMELIORER LA DISPONIBILITE DE RESEAU**
- (71) **CEDAR POINT COMMUNICATIONS, INC.** [US/US]; 277B Marcy Street, Portsmouth, NH 03801 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FITZGERALD, Jeffrey, J.** [US/US]; 3 Tanglewood Way, Amherst, NH 03031 (US).
- (74) **KELLY, Edward, J. et al.** / etc.; Ropes & Gray LLP, One International Place, Boston, MA 02110-2624 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2004/090695** (13) A1
- (21) PCT/EP2004/001807
- (22) **24 Feb/fév 2004 (24.02.2004)**
- (25) de (26) de
- (30) 103 16 951.2 **12 Apr/avr 2003 DE (12.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **METHOD FOR CHECKING THE DATA INTEGRITY OF SOFTWARE IN CONTROL APPLIANCES**
• **PROCEDE POUR VERIFIER L'INTEGRITE DES DONNEES D'UN LOGICIEL DANS DES APPAREILS DE COMMANDE**
- (71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOBER, Heiko** [DE/DE]; Hauptstrasse 7, 75365 Calw (DE). **SCHNEIDER, Jutta** [DE/DE]; Kressbacher Strasse 12, 72072 Tübingen (DE). **WIESER, Eva** [DE/DE]; Mörikestrasse 69, 70199 Stuttgart (DE).
- (74) **ESCHBACH, Arnold et al.** / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 1/00**
- (11) **WO 2004/090696** (13) A1
- (21) PCT/FI2004/000119
- (22) **4 Mar/mar 2004 (04.03.2004)**
- (25) en (26) en
- (30) 20030334 **4 Mar/mar 2003 FI (04.03.2003)**
- (30) 20030518 **4 Apr/avr 2003 FI (04.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **METHOD AND SYSTEM FOR CARRYING OUT ELECTRONIC TRANSACTIONS**
• **PROCEDE ET SYSTEME D'EXECUTION DE TRANSACTIONS ELECTRONIQUES**
- (71) **MÄKIPÄÄ INNOVATION OY** [FI/FI]; Saturnuksenkatu 5b B 19, FI-11130 Riihimäki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MÄKIPÄÄ, Risto** [FI/FI]; Saturnuksenkatu 5 B 19, FI-11130 Riihimäki (FI). **VALJAKKA, Mikko** [FI/FI]; Ilveskatu 26 B 6, FI-11910 Riihimäki (FI).
- (74) **ACTIPAT**; Eteläinen Hesperiankatu 4, FI-00100 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ **G06F 1/00, 17/60**
- (11) **WO 2004/090697** (13) A1
- (21) PCT/FI2004/050036
- (22) **13 Apr/avr 2004 (13.04.2004)**
- (25) fi (26) en
- (30) 20035043 **11 Apr/avr 2003 FI (11.04.2003)**

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A METHOD IN DATA TRANSMISSION, A DATA TRANSMISSION SYSTEM, AND A DEVICE
- PROCEDE DE TRANSMISSION DE DONNEES, SYSTEME DE TRANSMISSION DE DONNEES ET DISPOSITIF CORRESPONDANT
- (71, 72) **KRONHOLM, Jouko** [FI/FI]; Lapinienranta 2, FI-33180 TAMPERE (FI).
- (74) **TAMPEREEN PATENTTITOIMISTO OY**; Hermiankatu 12 B, FI-33720 TAMPERE (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 1/16**
- (11) **WO 2004/090698** (13) A2
- (21) PCT/US2004/009799
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) en (26) en
- (30) 10/407,654 **4 Apr/avr 2003** US (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PORTABLE WIRELESS DATA DEVICE
- DISPOSITIF DE DONNEES SANS FIL PORTATIF
- (71) **GALLERIA INDUSTRIAL COMPANY** [US/US]; 6991 Pleasant View Drive, Mounds View, MN 55112 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SONG, Li** [US/US]; 6991 Pleasant View Drive, Mounds View, MN 55112 (US). **HU, Jia** [US/US]; 6991 Pleasant View Drive, Mounds View, MN 55112 (US).
- (74) **BROOKS, Edward, J. et al.** / etc.; E.J. Brooks & Associates, PLLC, 1221 Nicollet Avenue, Suite 500, Minneapolis, MN 55403 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 1/18, G06K 17/00, H04B 1/38**
- (11) **WO 2004/090699** (13) A1
- (21) PCT/JP2004/005033
- (22) **7 Apr/avr 2004 (07.04.2004)**
- (25) ja (26) ja
- (30) 2003-104251 **8 Apr/avr 2003** JP (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PC CARD
- CARTE D'ORDINATEUR PERSONNEL
- (71) **SOFTBANK BB CORP.** [JP/JP]; 24-1, Nihonbashi-Hakozakicho, Chuo-ku, Tokyo, 1038501 (JP). **SUNCORPORATION** [JP/JP]; 250, Asahi, Kochino-cho, Kounan-shi, Aichi, 4838555 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SON, Masayoshi** [JP/JP]; 4-2-301, Azabudai 1-chome, Minato-ku, Tokyo, 1060041 (JP). **YOSHIKAWA, Satoru** [JP/JP]; 250, Asahi, Kochino-cho, Kounan-shi, Aichi, 4838555 (JP).
- (74) **SASAKI, Atsurou**; SkyBuilding 17th F Yokohama Patent Attorneys Office 2-19-12, Takashima, Nishi-ku, Yokohama-shi, Kanagawa, 2200011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 1/20**
- (11) **WO 2004/090700** (13) A1
- (21) PCT/CN2003/000261
- (22) **11 Apr/avr 2003 (11.04.2003)**
- (25) zh (26) zh
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • HARDWARE STRUCTURE OF COMPUTER
- STRUCTURE MATERIELLE D'ORDINATEUR
- (71, 72) **WANG, Song** [CN/CN]; Room 304, Build 49, Lanqi Street, Nanjing 210007, Jiangsu Province (CN).
- (74) **SHANGHAI PATENT & TRADEMARK LAW OFFICE**; 435 Guiping Road, Shanghai 200233 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 1/26**
- (11) **WO 2004/090701** (13) A2
- (21) PCT/GB2004/001531
- (22) **8 Apr/avr 2004 (08.04.2004)**
- (25) en (26) en
- (30) 10/411,408 **10 Apr/avr 2003** US (10.04.2003)
- (30) 10/411,454 **10 Apr/avr 2003** US (10.04.2003)
- (30) 10/411,415 **10 Apr/avr 2003** US (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PHYSICAL PRESENCE DETERMINATION IN A TRUSTED PLATFORM
- DETERMINATION D'UNE PRESENCE PHYSIQUE DANS UNE PLATE-FORME SECURISEE
- (71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **IBM UNITED KINGDOM LIMITED** [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
(only for / seulement pour MG)
- (72, 75) **CATHERMAN, Ryan, Charles** [US/US]; 600 Harvest Lane, Raleigh, NC 27606 (US). **GOODMAN, Steven, Dale** [US/US]; 5153 Jeffries Road, Raleigh, NC 27606 (US). **HOFF, James, Patrick** [US/US]; 2901 Alder Ridge Lane, Raleigh, NC 27603 (US). **SPRINGFIELD, Randall, Scott** [US/US]; 107 Garden Gate Drive, Chapel Hill, NC 27516 (US). **WARD, James, Peter** [US/US]; 107 Hemingway Forest Place, Raleigh, NC 27607 (US).
- (74) **WATSON, Justine, Nicola**; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 3/00**
- (11) **WO 2004/090702** (13) A2
- (21) PCT/IB2004/001066
- (22) **5 Apr/avr 2004 (05.04.2004)**

- (25) en (26) en
- (30) 03101003.6 **14 Apr/avr 2003** EP
(14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ELECTRIC APPARATUS AND METHOD OF COMMUNICATION BETWEEN AN APPARATUS AND A USER
• APPAREIL ELECTRIQUE ET PROCEDE DE COMMUNICATION ENTRE UN APPAREIL ET UN UTILISATEUR
- (71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)
- (71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, 5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf DE US)
- (72, 75) THELEN, Eric [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).
HARRIS, Matthew, David [AU/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).
PHILOMIN, Vasanth [IN/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).
- (74) MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 3/00, G03B 17/18, H04N 5/225
- (11) WO 2004/090703 (13) A1
- (21) PCT/JP2004/004956
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) ja (26) ja
- (30) 2003-105672 **9 Apr/avr 2003** JP
(09.04.2003)
- (30) 2003-156953 **2 Jun/juin 2003** JP
(02.06.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DISPLAY METHOD AND DISPLAY DEVICE
• PROCEDE ET DISPOSITIF D'AFFICHAGE
- (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) TAKABE, Masaaki [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SHIINE, Motoyoshi [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). MATSUDA, Kouichi [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). MIYASHITA, Ken [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). YAMAGUCHI, Kosuke [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) TSUNODA, Yoshisue et al. / etc.; Shinjuku Building, 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 3/023
- (11) WO 2004/090704 (13) A1
- (21) PCT/CN2004/000242
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) zh (26) zh
- (30) 03121386.3 **27 Mar/mar 2003** CN
(27.03.2003)
- (30) 03153792.8 **21 Aug/août 2003** CN
(21.08.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A DEVICE OF INPUTTING CHARACTER INFORMATION, THE METHOD AND THE APPLICATION
• DISPOSITIF POUR L'ENTREE D'INFORMATION DE CARACTERE, PROCEDE ET APPLICATION
- (71, 72) LIU, Erzhong [CN/CN]; Lijingge2D, Zhonghaiyuan, Beiwaxili, Haidian District, Beijing 100089 (CN).
- (74) JEEKAI & PARTNERS; Suite 602, Jinyu Tower, A129 West Xuan Wu Men Street, Xicheng District, Beijing 100031 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 3/023, 3/03, G04G 1/00, H04N 5/225
- (11) WO 2004/090705 (13) A1
- (21) PCT/JP2004/002676
- (22) 3 Mar/mar 2004 (03.03.2004)
- (25) ja (26) ja
- (30) 2003-056529 **4 Mar/mar 2003** JP
(04.03.2003)
- (30) 2004-040742 **18 Feb/fév 2004** JP
(18.02.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • INPUT DEVICE, INFORMATION TERMINAL DEVICE, AND MODE-SWITCHING METHOD
• DISPOSITIF DE SAISIE, DISPOSITIF DE TERMINAL D'INFORMATION ET PROCEDE DE COMMUTATION DE MODE
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOSUGI, Ichiro [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).
YANAGIDA, Toshiharu [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).
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OKOSHI, Yoshio [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).
- (74) SUGIURA, Masatomo et al. / etc.; 7th Floor, Ikebukuro Park Bldg., 49-7, Minami Ikebukuro 2-chome, Toshima-ku, Tokyo 1710022 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2004/090706 (13) A2
- (21) PCT/CA2004/000519
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 10/408,785 **8 Apr/avr 2003** US
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • AUTO-ALIGNING TOUCH SYSTEM AND METHOD
-
- Published / Publiée : (c)
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- SYSTEME TACTILE A ALIGNEMENT AUTOMATIQUE ET PROCEDE CORRESPONDANT

(71) SMART TECHNOLOGIES INC. [CA/CA]; 300, 1207-11 Avenue S.W., Calgary, Alberta T3C 0M5 (CA).

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(72, 75) MORRISON, Gerald D. [CA/CA]; 32 Arbour Vista Way, N.W., Calgary, Alberta T3G 4R1 (CA).

(74) RUSTON, David A.; Sim & McBurney, 330 University Avenue, 6th Floor, Toronto, Ontario M5G 1R7 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 3/033

(11) WO 2004/090707 (13) A1

(21) PCT/CN2003/000929

(22) 3 Nov/nov 2003 (03.11.2003)

(25) zh (26) zh

(30) 03225090.8 9 Apr/avr 2003 CN (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COMPUTER MANIPULATOR HAVING HAND GRIP

- MANIPULATEUR ÉLECTRONIQUE DOTÉ D'UNE POIGNÉE

(71, 72) DENG, Shaojian [CN/CN]; DENG, Shaojian, No.1 Hongling Road, Shenzhen, Guangdong 518000 (CN).

(74) UNITALEN ATTORNEYS AT LAW; WANG, Xueqiang, Rm. 30703, 7th Floor Scitech Place, No. 22 Jian Guo Men Wai Ave., Chaoyang District, Beijing 100004 (CN).

(81) AE (Utility model / modèle d'utilité) AG AL (Utility model / modèle d'utilité) AM (Utility model / modèle d'utilité) AT (Utility model / modèle d'utilité) AU AZ (Utility model / modèle d'utilité) BA BB BG (Utility model / modèle d'utilité) BR (Utility model / modèle d'utilité) BY (Utility model / modèle d'utilité) BZ (Utility model / modèle d'utilité) CA CH CO (Utility model / modèle d'utilité) 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 EC (Utility model / modèle d'utilité) EE (Utility model / modèle d'utilité) EG ES (Utility model / modèle d'utilité) FI (Utility model / modèle d'utilité) GB GD GE (Utility model / modèle d'utilité) GH (Utility certificate / certificat d'utilité) 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 KP KR (Utility model / modèle d'utilité) 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 (Utility model / modèle d'utilité) NI NO NZ OM PG PH (Utility model / modèle d'utilité) PL (Utility model / modèle d'utilité) PT (Utility model / modèle d'utilité) RO RU (Utility model / modèle d'utilité) SC SD SE SG SK (Utility model / modèle d'utilité) SL (Utility model / modèle d'utilité) SY TJ (Utility model / modèle d'utilité) TM TN TR (Utility model / modèle d'utilité) TT (Utility certificate / certificat d'utilité) TZ UA (Utility model / modèle d'utilité) UG (Utility certificate / certificat d'utilité) US UZ (Utility model / modèle d'utilité) VC VN YU ZA ZM ZW.

(84) AP (Utility model / modèle d'utilité) (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (Utility model / modèle d'utilité) (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 3/033, G02F 1/1333

(11) WO 2004/090708 (13) A1

(21) PCT/KR2004/000438

(22) 28 Feb/fév 2004 (28.02.2004)

(25) en (26) en

(30) 10-2003-0021877 8 Apr/avr 2003 KR (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DISPLAY DEVICE WITH DISPLAY PANEL

- ECRAN A SURFACE D'AFFICHAGE

(71) SAMSUNG ELECTRONICS CO. LTD. [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARK, Sang-Jin [KR/KR]; 101-1004 Hyundai hometown 1cha, Dongcheon-ri, Suji-eup, Yongin-si, Gyeonggi-do 449-840 (KR). CHO, Jong-Whan [KR/KR]; 643-505 Sejong Apt., Sanbon-dong, Gunpo-si, Gyeonggi-do 435-040 (KR). UH, Kee-Han [KR/KR]; 155-801 Geumhobestvill, Sanghyeon-ri, Suji-eup, Yongin-si, Gyeonggi-do 449-843 (KR).

(74) PARK, Young-Woo; 5F., Seil Building, #727-13 Yoksam-dong, Gangnam-gu, Seoul 135-921 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 3/033

(11) WO 2004/090709 (13) A1

(21) PCT/KR2004/000840

(22) 12 Apr/avr 2004 (12.04.2004)

(25) ko (26) en

(30) 10-2003-0022936 11 Apr/avr 2003 KR (11.04.2003)

(30) 10-2004-0016664 11 Mar/mar 2004 KR (11.03.2004)

(30) 10-2004-0016738 12 Mar/mar 2004 KR (12.03.2004)

(30) 10-2004-0016965 12 Mar/mar 2004 KR (12.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • POINTING DEVICE

- DISPOSITIF DE POINTAGE

(71) MOBISOL INC. [KR/KR]; 2nd Floor DK Plaza II, 376-5 Geumgok-dong, Bundang-gu, Seongnam-si, 463-805 Gyeonggi-Do (KR).

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(72, 75) KIM, Yoon Soo [KR/KR]; #5-202 Miscong Apt., Songpa 2-dong, Songpa-gu, 138-775 Seoul (KR). JUH, Sung Chul [KR/KR]; #116-2401 Hanjin Town, Haengdang-dong, Seongdong-gu, 133-777 Seoul (KR). OH, Seung Hai [KR/KR]; #208-201 Sinan 2-cha Apt., Bono 3-dong, Ansan-si, 425-731 Gyeonggi-do (KR). CHO, Kyu Deuk [KR/KR]; #402 Jungang-Hill Apt., Gaebong 2-dong, Guro-gu, 152-092 Seoul (KR). KIM, Tae Woo [KR/KR]; #407 144-4, Doksan-dong, Geumcheon-gu, 153-010 Seoul (KR). YONG, Dong Jung [KR/KR]; 4551-202, Singil 6-dong, Yeongdeungpo-gu, 150-860 Seoul (KR). JO, Jae Young [KR/KR]; #306-1206 Woosung 3-cha Apt., Jayang 3-dong, Gwangjin-gu, 143-773 Seoul (KR).

(74) SEO, Cheon-Seok; Seo International Law And Patent Office, 8th Floor KAIS SYSTEM Bldg, 1657-5, Seocho-dong, Seocho-gu, Seoul 137-070 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁶ G06F 3/06

(11) WO 2004/090710 (13) A1

(21) PCT/JP1997/001250

(22) 10 Apr/avr 1997 (10.04.1997)

- (25) ja (26) ja
 (30) 8/115531 12 Apr/avr 1996 JP
 (12.04.1996)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DATA RECORDING/REPRODUCING APPARATUS
 • DISPOSITIF D'ENREGISTREMENT/REPRODUCTION DE DONNEES
- (71, 72) MIYAWAKI, Hiroyuki [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome., Shinagawa-ku, Tokyo 141 (JP). IWASAKI, Yasuo [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome., Shinagawa-ku, Tokyo 141 (JP).
- (74) MATSUKUMA, Hidemori; Shinjuku Building, 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160 (JP).
- (81) US.
- Published / Publiée : (e): 09Oct/oct 2001 (09.10.2001), 6301432
-
- (51)⁷ G06F 3/12, H04N 5/30, 5/76, B41J 5/30, 29/38
- (11) WO 2004/090711 (13) A1
 (21) PCT/JP2004/004937
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) ja (26) ja
- (30) 2003-103275 7 Apr/avr 2003 JP
 (07.04.2003)
- (30) 2004-110230 2 Apr/avr 2004 JP
 (02.04.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SYSTEM AND METHOD FOR OUTPUTTING IMAGES
 • SYSTEME ET PROCEDE DE GENERATION D'IMAGES
- (71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAMADA, Akitoshi [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). HIRABAYASHI, Hiromitsu [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). AICHI, Takao [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). YANO, Kentaro [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). MASUMOTO, Kazuyuki [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). GOTO, Fumihiko [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). MIKAMI, Ruriko [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP).
- (74) OHTSUKA, Yasunori; 7th FL., SHUWA KIOICHO PARK BLDG., 3-6, Kioicho, Chiyoda-ku, Tokyo, 1020094 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 3/14, G09G 5/14
- (11) WO 2004/090712 (13) A1
 (21) PCT/JP2004/004414
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) ja (26) ja
- (30) 2003-106393 10 Apr/avr 2003 JP
 (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • WINDOW STACK CONTROL METHOD, WINDOW MANAGEMENT PROGRAM, AND WINDOW MANAGEMENT APPARATUS
 • PROCEDE DE COMMANDE DE PILE DE FENETRES, PROGRAMME DE GESTION DE FENETRES ET APPAREIL DE GESTION DE FENETRES
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NADAMOTO, Yuji
- (74) OGASAWARA, Shiro; Daisan-Longev' Bldg., 3-11, Enokicho, Suita-shi, Osaka 5640053 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (a)
-
- (51)⁷ G06F 3/16, H04M 1/247
- (11) WO 2004/090713 (13) A1
 (21) PCT/IB2003/001262
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) en (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND DEVICE FOR PROVIDING SPEECH-ENABLED INPUT IN AN ELECTRONIC DEVICE HAVING A USER INTERFACE
- PROCEDE ET DISPOSITIF DE PILOTAGE PAR LA VOIX D'UN APPAREIL ELECTRONIQUE A INTERFACE UTILISATEUR
- (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) HALONEN, Katriina [FI/FI]; Katajarinne 9, FIN-37470 Vesilahti (FI). SALMINEN, Henri [FI/FI]; Kankurimäentie 86 as. 9, FIN-07280 Iloa (FI).
- (74) STRAUS, Alexander; Becker, Kurig, Straus, Bavariastrasse 7, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 7/58
- (11) WO 2004/090714 (13) A2
 (21) PCT/IB2004/050362
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) en (26) en
- (30) 03100935.0 8 Apr/avr 2003 EP
 (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CONFIGURABLE MULTI-STEP LINEAR FEEDBACK SHIFT REGISTER
 • REGISTRE A DECALAGE A REBOUCLAGE LINEAIRE MULTIPAS CONFIGURABLE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VAN BERKEL, Cornelis, H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). NAS, Ricky, J., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) DUIJVESTIJN, Adrianus, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06F 7/60

(11) WO 2004/090715 (13) A2

(21) PCT/PL2004/000014

(22) 29 Feb/fév 2004 (29.02.2004)

(25) en (26) en

(30) P.359608 9 Apr/avr 2003 PL (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD OF ORDERING GOOD AND SERVICES

- PROCEDE PERMETTANT DE COMMANDER DES BIENS ET DES SERVICES

(71, 72) KULAKOWSKI, Henryk [PL/PL]; ul. Poniatowskiego 94/22, PL-37-450 Stalowa Wola (PL).

(74) MARCINSKA, Aleksandra; Kancelaria Patentowa Aleksandra Marcinska, ul. M. Dabrowskiej 9/57, PL-01-903 Warsaw (PL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (i)

(51)⁷ G06F 9/38, 9/30

(11) WO 2004/090716 (13) A1

(21) PCT/IB2004/050351

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 03100923.6 7 Apr/avr 2003 EP (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DATA PROCESSING SYSTEM WITH CLUSTERED ILP PROCESSOR

- SYSTEME DE TRAITEMENT DE DONNEES A PROCESSEUR EN GRAPPE A PARALLELISME ENTRE INSTRUCTIONS (ILP)

(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) TERECHKO, Andrei [BY/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DUIJVESTIJN, Adrianus, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06F 9/40

(11) WO 2004/090717 (13) A2

(21) PCT/US2004/010325

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,669 5 Apr/avr 2003 US (05.04.2003)

(30) 10/674,219 29 Sep/sep 2003 US (29.09.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AN AUTOMATED CHANGE BACK OFF PROCESS FOR RESTORING THE ROOT DISK

- PROCEDE AUTOMATISE DE SAUVEGARDE LORS DE CHANGEMENTS POUR LA RESTAURATION DU DISQUE RACINE

(71) ELECTRONIC DATA SYSTEMS CORPORATION [US/US]; 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) BAACK, James, E.; 6363 FM 2931, Aubrey, TX 76227 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06F 9/445, G07F 7/10

(11) WO 2004/090718 (13) A1

(21) PCT/EP2004/050437

(22) 2 Apr/avr 2004 (02.04.2004)

(25) fr (26) fr

(30) 0304628 14 Apr/avr 2003 FR (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR MANAGING AN EXECUTABLE CODE DOWNLOADED IN A REPROGRAMMABLE ON-BOARD SYSTEM

- PROCEDE DE GESTION D'UN CODE EXECUTABLE TELECHARGE DANS UN SYSTEME EMBARQUE REPROGRAMMABLE

(71) GEMPLUS [FR/FR]; Avenue du Pic de Bertagne, Parc d'activité de Géménos, F-13420 Gemenos (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENOIT, Alexandre** [FR/FR]; Résidence Central Parc, Bt F, F-13400 Aubagne (FR). **ROUSSEAU, Ludovic** [FR/FR]; Les Aires St Michel, Bt A, F-13400 Aubagne (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 9/46

(11) WO 2004/090719 (13) A2

(21) PCT/EP2004/003731

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 03290894.9 9 Apr/avr 2003 EP (09.04.2003)

(30) 10/665,352 22 Sep/sep 2003 US (22.09.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OPERATING SYSTEMS
• SYSTEMES D'EXPLOITATION

(71) **JALUNA SA** [FR/FR]; 6, avenue Gustave Eiffel, F-78180 Montigny-le-Bretonneux (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LESCOUET, Eric** [FR/FR]; 28, avenue Ledru-Rollin, F-75012 Paris (FR). **GROUZDEV, Vladimir** [RU/FR]; 6, rue Alexandre Bertrand, F-78100 Saint Germain-en-Laye (FR).

(74) **MUSKER, David, Charles** et al. / etc.; R.G.C. Jenkins & Co., 26 Caxton Street, London SW1H 0RJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 9/46

(11) WO 2004/090720 (13) A2

(21) PCT/IB2004/050393

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 03100996.2 14 Apr/avr 2003 EP (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • RESOURCE MANAGEMENT METHOD AND APPARATUS

• PROCEDE ET APPAREIL DE GESTION DE RESSOURCES

(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) **BRIL, Reinder, J.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LOWET, Dietwig, J., C.** [BE/NL]; c/o Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06F 09/44

(11) WO 2004/090721 (13) A1

(21) PCT/AU2004/000469

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 2003901714 10 Apr/avr 2003 AU (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AUTOMATIC SIZING OF SOFTWARE FUNCTIONALITY

• EVALUATION AUTOMATIQUE DE LA TAILLE D'UNE FONCTIONNALITE DE LOGICIEL

(71) **CHARISMATEK SOFTWARE METRICS PTY LTD** [AU/AU]; 175 Dorcas Street, South Melbourne, VIC 3205 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RADFORD, Paul, Frank** [AU/AU]; 447 St Kilda Street, Elwood, VIC 3184 (AU).

LAWRIE, Rovny, Nancy [AU/AU]; 447 St Kilda Street, Elwood, VIC 3184 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 11/08, 12/16

(11) WO 2004/090722 (13) A1

(21) PCT/SG2004/000082

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 200302158-1 11 Apr/avr 2003 SG (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DATA ISOLATION SYSTEM AND METHOD

• PROCEDE ET SYSTEME D'ISOLEMENT DE DONNEES

(71) **STAR SOFTCOMM PTE LTD** [SG/SG]; 151 North Buona Vista Road, #02-36, Singapore 139347 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZHANG, Xingming** [CN/CN]; 32 Ying Xin Lu, Yang Zhou City, Jian Su Province (CN).

(74) **ALBAN TAY MAHTANI & DE SILVA**; 39 Robinson Road, #07-01 Robinson Point, Singapore 068911 (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F 11/10

(11) WO 2004/090723 (13) A2

(21) PCT/GB2004/001593

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

- (30) 10/413,605 **14 Apr/avr 2003** US
(14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A HIGH RELIABILITY MEMORY MODULE WITH A FAULT TOLERANT ADDRESS AND COMMAND BUS
• MODULE MEMOIRE HAUTE FIABILITE A BUS D'ADRESSE ET DE COMMANDE INSENSIBLE AUX DEFAILLANCES
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71) IBM UNITED KINGDOM LIMITED [GB/GB]; P.O. Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
(only for / seulement pour MG)
- (72, 75) GOWER, Kevin [US/US]; 8 Alary Road Ext, Lagrangeville, NY 12540 (US). HAZELZET, Bruce [US/US]; 8 Greenfield Court, Essex Junction, VT 05452 (US). KELLOGG, Mark [US/US]; 11 Trotter Lane, Poughkeepsie, NY 12603 (US). PERLMAN, David [US/US]; 7 Neville Road, Wappingers Falls, NY 12590 (US).
- (74) LITHERLAND, David, Peter et al. / etc.; 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 12/00
(11) WO 2004/090724 (13) A1
(21) PCT/GB2003/004589
(22) 22 Oct/oct 2003 (22.10.2003)
(25) en (26) en
(30) 0308264.1 **10 Apr/avr 2003** GB
(10.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • RECOVERY FROM FAILURES WITHIN DATA PROCESSING SYSTEMS
• REPRISE SUITE A DES DEFAILLANCES AU SEIN DE SYSTEMES DE TRAITEMENT DE DONNEES
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BUXTON, Robert, Frank [GB/GB]; 108 Ashdown Road, Chandlers Ford, Hampshire SO53 5QG (GB). FISHER, David, James [GB/GB]; 14 Sovereign Close, Bournemouth, Dorset BH7 7RP (GB). GARZA, Jose, Emir [GB/GB]; 256C Kew Road, Richmond, Surrey TW9 3EG (GB). HOBSON, Stephen, James [GB/GB]; 39 Tudor Road, Hampton, Middlesex TW12 2NG (GB). HOPEWELL, Paul [GB/GB]; 58 Kingsway, Chandlers Ford, Hampshire SO53 1FJ (GB). KETTLEY, Paul [GB/GB]; 39 Wentworth Grange, Winchester, Hampshire SO22 4HZ (GB). MILLAR, Robert, Daniel [GB/GB]; 7 Glenesha Gardens, Fareham, Hampshire PO15 6QH (GB). SIDDALL, Peter [GB/GB]; 28 The Thicket, Romsey, Hampshire SO51 5SZ (GB). WALKER, Stephen, Richard [GB/GB]; Sunflower Cottage, East Dean Road, Lockerley, Hampshire SO51 0JQ (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 12/00
(11) WO 2004/090725 (13) A2
(21) PCT/EP2004/003923
(22) 14 Apr/avr 2004 (14.04.2004)
(25) de (26) de
(30) 103 17 147.9 **14 Apr/avr 2003** DE
(14.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • SECURE STORAGE SYSTEM WITH FLASH MEMORIES AND CACHE MEMORY
• SYSTEME DE MEMORISATION FIABLE A MEMOIRES FLASH ET MEMOIRE CACHE
- (71) NEC ELECTRONICS (EUROPE) GMBH [DE/DE]; Oberrather Strasse 4, 40472 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) POULARD, Fabrice [FR/FR]; 7, rue du Dr. Zamenhof, F-78800 Houilles (FR). NGUYEN, Van-Lam [FR/FR]; 118, rue d'Alésia, F-75014 Paris (FR).
- (74) GLAWE DELFS MOLL; Postfach 26 01 62, 80058 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 12/00
(11) WO 2004/090727 (13) A1
(21) PCT/JP2004/004825
(22) 2 Apr/avr 2004 (02.04.2004)
(25) ja (26) ja
(30) 2003-101411 **4 Apr/avr 2003** JP
(04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • PROGRAM HANDLING DATA, METHOD THEREOF, AND DEVICE THEREOF
• DONNEES DE TRAITEMENT DE PROGRAMME, PROCEDE ET DISPOSITIF A CET EFFET
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). SONY UNITED KINGDOM LIMITED [GB/GB]; The Heights, Brooklands, Weybridge, Surrey, KT130XW (GB).
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- (72, 75) TSUCHIYA, Kazuhisa [JP/JP]; c/o SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). SYLVESTER BRADLEY, Gareth [GB/GB]; c/o SONY UNITED KINGDOM LIMITED The Heights, Brooklands, Weybridge, Surrey, KT130XW (GB). BEENHAM, Dudley [GB/GB]; c/o SONY UNITED KINGDOM LIMITED The Heights, Brooklands, Weybridge, Surrey, KT130XW (GB).
- (74) SATOH, Takahisa; Sohshin International Patent Office 4-2, Yanagibashi 2-chome, Taito-ku, Tokyo 1110052 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 12/00
(11) WO 2004/090728 (13) A1
(21) PCT/JP2004/004844
(22) 2 Apr/avr 2004 (02.04.2004)
(25) ja (26) ja
(30) 2003-101415 4 Apr/avr 2003 JP (04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • PROGRAM, METHOD THEREOF, AND DEVICE THEREOF
• PROGRAMME, PROCEDE ET DISPOSITIF Y AFFERENTS
(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) NISHIDA, Ryusuke, [JP/JP]; c/o SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku Tokyo, 1410001 (JP). TSUCHIYA, Kazuhisa, [JP/JP]; c/o SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku Tokyo, 1410001 (JP).
(74) SATOH, Takahisa; Sohshin International Patent Office, 4-2, Yanagibashi 2-chome, Taito-ku, Tokyo 1110052 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 12/00, H04N 1/21
(11) WO 2004/090729 (13) A1
(21) PCT/JP2004/005042
(22) 7 Apr/avr 2004 (07.04.2004)
(25) ja (26) ja
(30) 2003-102667 7 Apr/avr 2003 JP (07.04.2003)
(30) 2003-105034 9 Apr/avr 2003 JP (09.04.2003)
- (30) 2003-105038 9 Apr/avr 2003 JP (09.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • IMAGE ACCUMULATION DEVICE AND PROGRAM
• DISPOSITIF ET PROGRAMME D'ACCUMULATION D'IMAGE
(71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-Shinjuku 2-chome Shinjuku-ku, Tokyo 1630811 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) TSUBONO, Eiji [JP/JP]; c/o Seiko Epson Corporation 3-5, Owa 3-Chome, Suwashi, Nagano 3928502 (JP).
(74) HATTORI, Masaki et al. / etc.; Hattori & Associates, Eighth Floor, Arex Bldg., 4-12, Marunouchi 1-chome, Naka-ku, Nagoya-shi, Aichi 460-0002 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 12/14
(11) WO 2004/090730 (13) A2
(21) PCT/DE2004/000704
(22) 1 Apr/avr 2004 (01.04.2004)
(25) de (26) de
(30) 103 15 726.3 4 Apr/avr 2003 DE (04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • PROGRAM-CONTROLLED UNIT
• UNITE COMMANDEE PAR PROGRAMME
(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) BÖNING, Werner [DE/DE]; Prinzenstr. 31, 80639 München (DE).
(74) REPKOW, Ines et al. / etc.; Patentanwälte Jannig & Repkow, Klausenberg 20, 86199 Augsburg (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 12/14
(11) WO 2004/090731 (13) A2
(21) PCT/DE2004/000706
(22) 1 Apr/avr 2004 (01.04.2004)
(25) de (26) de
(30) 103 15 637.2 4 Apr/avr 2003 DE (04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • PROGRAM-CONTROLLED UNIT
• UNITE COMMANDEE PAR PROGRAMME
(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) BÖNING, Werner [DE/DE]; Prinzenstr. 31, 80639 München (DE).
(74) REPKOW, Ines et al. / etc.; Patentanwälte Jannig & Repkow, Klausenberg 20, 86199 Augsburg (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 12/14
(11) WO 2004/090732 (13) A2
(21) PCT/DE2004/000707
(22) 1 Apr/avr 2004 (01.04.2004)
(25) de (26) de
(30) 103 15 727.1 4 Apr/avr 2003 DE (04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • PROGRAM-CONTROLLED UNIT
• UNITE COMMANDEE PAR PROGRAMME
(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) BÖNING, Werner [DE/DE]; Prinzenstr. 31, 80639 München (DE).
(74) REPKOW, Ines et al. / etc.; Patentanwälte Jannig & Repkow, Klausenberg 20, 86199 Augsburg (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 12/16

(11) WO 2004/090733 (13) A1

(21) PCT/KR2003/000992

(22) 20 May/mai 2003 (20.05.2003)

(25) ko (26) en

(30) 10-2003-0023481 14 Apr/avr 2003 KR (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR REMOVING VIRUSES INFECTING MEMORY, COMPUTER-READABLE STORAGE MEDIUM RECORDED WITH VIRUS-REMOVING PROGRAM, AND VIRUS-REMOVING APPARATUS

• PROCEDE D'ELIMINATION DE VIRUS INFECTANT LA MEMOIRE, SUPPORT DE STOCKAGE VISIBLE PAR ORDINATEUR ENREGISTRE AVEC UN PROGRAMME D'ELIMINATION DE VIRUS ET APPAREIL D'ELIMINATION DE VIRUS

(71) HAURI, INC. [KR/KR]; Yuhan Yanghang Bldg. 8th Fl., 49-6, Daebang-dong, Dongjak-gu, 156-754 Seoul (KR).
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(72, 75) KWON, Seok-Chul [KR/KR]; 102-1501, Hyundai Apt., 502 Daebang-dong, Dongjak-gu, 156-020 Seoul (KR). CHOI, Won-Hyok [KR/KR]; 401 Plex Vill, 715-143 Bongcheon 1-dong, Kwanak-gu, 151-831 Seoul (KR).

(74) HWANG, E-Nam; 507, New Seoul Bldg., 828-8 Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 13/00

(11) WO 2004/090734 (13) A2

(21) PCT/AT2004/000044

(22) 10 Feb/fév 2004 (10.02.2004)

(25) de (26) de

(30) A 543/2003 8 Apr/avr 2003 AT (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TIMED OPERATING SYSTEM FOR REAL TIME-CRITICAL APPLICATIONS

• SYSTEME D'EXPLOITATION BASE SUR LE TEMPS DESTINE A DES APPLICATIONS CRITIQUES EN TEMPS REEL

(71) TTTECH COMPUTERTECHNIK AG [AT/AT]; Schönbrunner Strasse 7, A-1040 Wien (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GLÜCK, Martin [AT/AT]; Langstrasse 4, A-2244 Spannberg (AT). TANZER, Christian [AT/AT]; Glasaugergasse 32, A-1130 Wien (AT). SCHLATTERBECK, Ralf [AT/AT]; Reichergasse 131-133, A-3411 Klosterneuburg (AT). POLEDNA, Stefan [AT/AT]; Dr.Teichmann-Gasse 29, A-3400 Klosterneuburg (AT).

(74) MATSCHNIG, Franz; Siebensterngasse 54, A-1071 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 13/00, H04N 7/173, H04L 12/56

(11) WO 2004/090735 (13) A1

(21) PCT/JP2004/004916

(22) 5 Apr/avr 2004 (05.04.2004)

(25) ja (26) ja

(30) 2003-103716 8 Apr/avr 2003 JP (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONTENT PROVIDING SERVER, INFORMATION PROCESSING DEVICE AND METHOD, AND COMPUTER PROGRAM

• SERVEUR DE FOURNITURE DE CONTENU, DISPOSITIF ET PROCEDE POUR LE TRAITEMENT DE L'INFORMATION, ET PROGRAMME INFORMATIQUE

(71) SONY CORPORATION [JP/JP]; 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo, 1410001 (JP).

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(72, 75) KIKKAWA, Norifumi [JP/JP]; c/o SONY CORPORATION 7-35, KITASHINAGAWA 6-CHOME SHINAGAWA-KU, Tokyo, 1410001 (JP). IGARASHI, Tatsuya [JP/JP]; c/o SONY CORPORATION 7-35, KITASHINAGAWA 6-CHOME SHINAGAWA-KU, Tokyo, 1410001 (JP). MITSUBORI, Hiroyuki [JP/JP]; c/o SONY

CORPORATION 7-35, KITASHINAGAWA 6-CHOME SHINAGAWA-KU, Tokyo, 1410001 (JP). KOBORI, Yoichi [JP/JP]; c/o SONY CORPORATION 7-35, KITASHINAGAWA 6-CHOME SHINAGAWA-KU, Tokyo, 1410001 (JP). HAMADA, Masaaki [JP/JP]; c/o SONY CORPORATION 7-35, KITASHINAGAWA 6-CHOME SHINAGAWA-KU, Tokyo, 1410001 (JP).

(74) MIYATA, Masaaki et al. / etc.; Sawada, Miyata & Yamada Patent Office Ginza TK Bldg., 1-7, Shintomi 1-chome, Chuo-ku, Tokyo, 1040041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 13/00, H04N 7/173, H04L 12/56

(11) WO 2004/090736 (13) A1

(21) PCT/JP2004/004921

(22) 5 Apr/avr 2004 (05.04.2004)

(25) ja (26) ja

(30) 2003-103717 8 Apr/avr 2003 JP (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONTENT PROVIDING SERVER, INFORMATION PROCESSING DEVICE AND METHOD, AND COMPUTER PROGRAM

• SERVEUR DE FOURNITURE DE CONTENU, DISPOSITIF ET PROCEDE POUR LE TRAITEMENT DE L'INFORMATION, ET PROGRAMME INFORMATIQUE

(71) SONY CORPORATION [JP/JP]; 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo, 1410001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIKKAWA, Norifumi [JP/JP]; c/o SONY CORPORATION 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo, 1410001 (JP). IGARASHI, Tatsuya [JP/JP]; c/o SONY CORPORATION 7-35, KITASHINAGAWA 6-CHOME SHINAGAWA-KU, Tokyo, 1410001 (JP). MITSUBORI, Hiroyuki [JP/JP]; c/o SONY CORPORATION 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo, 1410001 (JP).

(74) MIYATA, Masaaki et al. / etc.; Sawada, Miyata & Yamada Patent Office Ginza TK Bldg., 1-7, Shintomi 1-chome, Chuo-ku, Tokyo, 1040041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (b)

(51)⁷ G06F 13/00

(11) WO 2004/090737 (13) A2

(21) PCT/US2004/010466

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,105 2 Apr/avr 2003 US
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • SENSE AMPLIFYING LATCH WITH
LOW SWING FEEDBACK

• VERROU D'AMPLIFICATEUR DE DE-
TECTION A SIGNAL DE REACTION A
FAIBLE OSCILLATION

- (71) SUN MICROSYSTEMS, INC. [US/US];
4150 Network Circle, Santa Clara, CA 95054
(US).

(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) SUTHERLAND, Ivan E. [US/US]; 125
Wadsworth Ave., Santa Monica, CA 90405
(US). BOSNYAK, Robert J. [US/US]; 2423
North 29th St., Tacoma, WA 98407 (US).
DROST, Robert J. [US/US]; 112 Montelena
Court, Mountain View, CA 94040 (US).

- (74) PARK, A. Richard; 508 Second St., Suite
201, Davis, CA 95616 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06F 15/00, H04L 9/32

(11) WO 2004/090738 (13) A1

(21) PCT/JP2004/005205

(22) 12 Apr/avr 2004 (12.04.2004)

(25) ja (26) ja

(30) 2003-106420 10 Apr/avr 2003 JP
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • PASSWORD CHANGE SYSTEM

• SYSTEME DE CHANGEMENT DE
MOT DE PASSE

- (71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza-
kadoma, Kadoma-shi, Osaka 5718501 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) SATOMURA, TakashiMITAMURA,
ToshiroAIZAWA, RikaITAHARA, Misaki

- (74) NAKAJIMA, Shiro; 6F, Yodogawa
5-Bankan 2-1, Toyosaki 3-chome, Kita-ku,
Osaka-shi, Osaka 531-0072 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06F 15/00, 17/30

(11) WO 2004/090739 (13) A1

(21) PCT/US2004/010027

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,329 1 Apr/avr 2003 US
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • ADVANCED VERSATILE LAYOUT
AND RENDERING SYSTEM, METHOD
AND PRODUCT

• PLAN D'ENSEMBLE POLYVALENT
PERFECTIONNE, ET SYSTEME, PRO-
CEDE ET PRODUIT DE PRESENTA-
TION

- (71) PLANETII USA INC. [US/US]; Suite 305,
560 South Winchester Boulevard, San Jose,
CA 95128 (US).

(for all designated States except / pour tous
les États désignés sauf US)

- (72) FUSION, Joe; Portland, OR 97210-3223
(US). KYUNG, Lee; San Jose, CA 95126
(US). CHENG, Lewis; San Jose, CA 95126
(US).

- (74) SAMUEL, Richard, I. et al. / etc.; Goodwin
Procter LLP, 103 Eisenhower Parkway, Rose-
land, NJ 07068 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 15/167

(11) WO 2004/090740 (13) A1

(21) PCT/US2004/010504

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,234 3 Apr/avr 2003 US
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • SYSTEM AND METHOD FOR DY-
NAMICALLY SHARING MEDIA IN A
COMPUTER NETWORK

• SYSTEME ET PROCEDE DE PARTAGE
DYNAMIQUE DE SUPPORTS DANS
UN RESEAU INFORMATIQUE

- (71) COMVAULT SYSTEMS, INC. [US/US];
Two Crescent Place, Oceanport, NJ 07757-
0090 (US).

- (72) KOTTOMTHARAYIL, Rajiv; 1508 Gar-
den Drive, Apt. 2, Ocean, NJ 07712 (US).
GOKHALE, Parag; 21 Oak Mews Court,
Ocean, NJ 07712 (US). PRAHLAD, Anand;
3 Bucknell Drive, East Brunswick, NJ 08816
(IN). KUMAR, Manoj; 2140 Aldrin Road,
Apt. 2B, Ocean, NJ 07712 (US). NGO,
David; 152 Dorchester Way, Shrewsbury, NJ
07702 (US). DEVASSY, Varghese; 2 Nor-
cross Crescent, Winnepeg, Manitoba R3X
1H8 (CA).

- (74) WOODS, James, J.; Brown Raysman Mill-
stein Felder & Steiner LLP, 900 Third Av-
enue, New York, NY 10022 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG UZ VC VN
YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 15/173, 15/16, H04L 12/66, 12/28

(11) WO 2004/090741 (13) A2

(21) PCT/IL2004/000318

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 60/461,390 9 Apr/avr 2003 US
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • SELECTIVE DIVERSION AND INJEC-
TION OF COMMUNICATION TRAFFIC

• DETOURNEMENT ET INJECTION SE-
LECTIFS DE TRAFIC DE COMMUNI-
CATION

(63) US 09/929,877 (CIP)
14 Aug/août 2001 (14.08.2001)

- (71) RIVERHEAD NETWORKS INC.
[US/US]; 3000 Sand Hill Road, Bldg. 4,
Suite 180, Menlo Park, California 94025
(US).

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(72, 75) BREMLER BARR, Anat [IL/IL]; 8 Hashomer Street, 58272 Holon (IL). NUSS-BACHER, Hank [IL/IL]; 20 Hagefen Street, 44853 Ginot Shomron (IL). HERMONI, Roi [IL/IL]; 25, 13830 Ramot Naftali (IL). TOUITOU, Dan [IL/IL]; 7/30 Matityahu Mendel Street, 52287 Ramat Gan (IL).

(74) SANFORD T. COLB & CO. et al. / etc.; P.O. Box 2273, 76122 Rehovot (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 15/173

(11) WO 2004/090742 (13) A1

(21) PCT/US2004/010503

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,234 3 Apr/avr 2003 US (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM AND METHOD FOR DYNAMICALLY SHARING STORAGE VOLUMES IN A COMPUTER NETWORK

• SYSTEME ET PROCEDE DE PARTAGE DYNAMIQUE DE VOLUMES DE STOCKAGE DANS UN RESEAU INFORMATIQUE

(71) COMMVAULT SYSTEMS, INC. [US/US]; Two Crescent Place, Oceanport, NJ 07757-0090 (US).

(72) KOTTOMTHARAYIL, Rajiv; 1508 Garden Drive, Apt. 2, Ocean, NJ 07712 (US). GOKHALE, Parag; 21 Oak Mews Court, Ocean, NJ 07712 (US). PRAHLAD, Anand; 3 Bucknell Drive, East Brunswick, NJ 08816 (US). KUMAR, Manoj; 2140 Aldrin Road, Apt. 2B, Ocean, NJ 07712 (US). NGO, David; 152 Dorchester Way, Shrewsbury, NJ 07702 (US). DEVAASSY, Varghese; 2 Norcross Crescent, Winnipeg, Manitoba R3X 1H8 (CA).

(74) WOODS, James, J.; Brown, Raysman, Millstein, Felder & Steiner, LLP, 900 Third Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 17/00

(11) WO 2004/090743 (13) A2

(21) PCT/EP2004/004009

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 10/411,469 10 Apr/avr 2003 US (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ENHANCED READABILITY WITH FLOWED BITMAPS

• AMELIORATION DE LA LISIBILITE AVEC DES TABLES DE BITS FORMATEES

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NJ 10504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71) COMPAGNIE IBM FRANCE [FR/FR]; Tour Descartes, 2, avenue Gambetta, F-92066 Paris La Défense Cedex (FR).

(only for / seulement pour MC)

(72, 75) JONES, A., Jeffrey [US/US]; 1844 Red Rock Drive, Round Rock, TX 78664 (US).

JONES, T., Scott [US/US]; 13027 Seofield Farms Drive, Austin, TX 78727 (US).

(74) DE PENA, Alain; Compagnie IBM France, Direction de la Propriété intellectuelle, F-06610 La Gaude (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/00 // 161:00

(11) WO 2004/090744 (13) A1

(21) PCT/RU2003/000382

(22) 25 Aug/août 2003 (25.08.2003)

(25) en (26) en

(30) 2003109632 7 Apr/avr 2003 RU (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD OF GAME WITH A GAME PROCESSOR, SOFTWARE AND A MONITOR

• PROCEDE DE JEU AVEC PROCESSEUR DE JEU, LOGICIEL ET MONITEUR

(71, 72) ZASLAVSKII, Andrei [RU/RU]; ul. Altaiskaya, 33/7-204, Moscow, 107589 (RU).

(72, 75) MAVRODI, Vjacheslav [RU/RU]; Bolshoi Kondratievsky per., 8-9-5, Moscow, 117415 (RU).

(74) SHCHITOV, Aleksandr; a/ya 84, Moscow, 125368 (RU).

(81) AE AT AU BA BB BG BR CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GE HR HU IL IN IS JP KR LT LU LV MD MK MX NO NZ PL PT RO SE SG SK TR 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/24, 3/12

(11) WO 2004/090745 (13) A1

(21) PCT/AU2004/000456

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 2003901723 11 Apr/avr 2003 AU (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM FOR PRINTING VARIABLE DATA

• SYSTEME D'IMPRESSION DE DONNEES VARIABLES

(71, 72) ANDERSON, Ronald, Wayne [AU/AU]; Unit 30, 174 Pacific Highway, North Sydney, NSW 2060 (AU).

(74) HODGKINSON AND MCINNES; Level 3, 20 Alfred Street, Milsons Point, NSW 2061 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/28, G10L 13/04, H04N 5/445

(11) WO 2004/090746 (13) A1

(21) PCT/IB2004/001065

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 03101004.4 14 Apr/avr 2003 EP (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM AND METHOD FOR PERFORMING AUTOMATIC DUBBING ON AN AUDIO-VISUAL STREAM

• SYSTEME ET PROCEDE PERMETTANT DE REALISER UN DOUBLAGE

AUTOMATIQUE SUR UN FLUX AUDIOVISUEL

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) NESVADBA, Jan, Alexis, Daniel [AT/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). BREEBAART, Dirk, Jeroen [NL/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). MCKINNEY, Martin, Francis [US/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(74) VOLMER, Georg; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30, 17/60, 159/00

(11) WO 2004/090747 (13) A1

(21) PCT/AU2004/000468

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 2003901724 11 Apr/avr 2003 AU (11.04.2003)

(30) 2003903432 4 Jul/juil 2003 AU (04.07.2003)

(30) 2003905320 30 Sep/sep 2003 AU (30.09.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD OF UNIQUELY ASSOCIATING TRANSACTION DATA WITH A PARTICULAR INDIVIDUAL, AND COMPUTER-BASED MESSAGING SYSTEM FOR COMMUNICATING SUCH ASSOCIATED DATA

• PROCEDE PERMETTANT D'ASSOCIER DE MANIERE UNIQUE DES DONNEES DE TRANSACTION A UN INDIVIDU DONNE, SYSTEME DE MESSAGERIE INFORMATISEE DESTINE A COMMUNIQUER CES DONNEES ASSOCIEES

(71, 72) OON, Yeong, Kuang [AU/AU]; 29 Darryl Street, Scoresby, VIC 3179 (AU).

(74) ALLENS ARTHUR ROBINSON PATENT & TRADE MARKS ATTORNEYS; Stock Exchange Centre, 530 Collins Street, Melbourne, VIC 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 2004/090748 (13) A2

(21) PCT/EP2004/003721

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) 103 15 953.3 8 Apr/avr 2003 DE (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND SYSTEM FOR PRODUCING WEB PAGES ADAPTED TO A CLIENT CHARACTER

• PROCEDE ET SYSTEME POUR PRODUIRE DES PAGES WEB ADAPTEES A DES CARACTERISTIQUES DE CLIENT

(71) ABB RESEARCH LTD. [CH/CH]; Af-folternstrasse 52, CH-8050 Zürich (CH).

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(72, 75) KRUSE, Eckhard [DE/DE]; Dossenheimer Landstrasse 96, 69121 Heidelberg (DE). VERYHA, Yauheni [BY/DE]; Collinistr. 5. Whg, 804, 68161 Mannheim (DE).

(74) MILLER, Toivo et al. / etc.; ABB Patent GmbH, Wallstadter Str. 59, 68526 Ladenburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 2004/090749 (13) A2

(21) PCT/FR2004/000798

(22) 30 Mar/mar 2004 (30.03.2004)

(25) fr (26) fr

(30) 03/03961 31 Mar/mar 2003 FR (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COMPUTER DEVICE FOR MANAGING DOCUMENTS IN MULTI-USER MODE

• DISPOSITIF INFORMATIQUE DE GESTION DE DOCUMENTS EN MODE MULTI-UTILISATEURS

(71) TRACE ONE [FR/FR]; 94 rue Lauriston, F-75116 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ABOUKRAT, Maurice [FR/FR]; 12 rue Marguerite, F-94210 La Varenne Saint Hilaire (FR).

(74) PLACAIS, Jean-Yves; Cabinet Netter, 36 avenue Hoche, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 2004/090750 (13) A2

(21) PCT/GB2003/005426

(22) 12 Dec/déc 2003 (12.12.2003)

(25) en (26) en

(30) 0308523.0 12 Apr/avr 2003 GB (12.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ACCESS TO WEB SERVICES

• ACCES AUX SERVICES WEB

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

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(72, 75) HULSE, Brian [GB/GB]; Bracken, Saunders Lane, Awbridge, Hampshire SO51 0GP (GB). ROWLEY, Philip, David [GB/GB]; 105 Cranbury Road, Eastleigh, Hampshire SO50 5HE (GB). SHARP, Christopher, Edward [GB/GB]; Farley Cottage, 9 Newburgh Street, Winchester, Hampshire SO23 8UY (GB).

(74) MOSS, Robert, Douglas; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF

- CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06F 17/30
- (11) WO 2004/090751 (13) A2
- (21) PCT/GB2004/001304
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) en (26) en
- (30) 0308522.2 12 Apr/avr 2003 GB (12.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ACCESS TO WEB SERVICES
• ACCES A DES SERVICES WEB
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HULSE, Brian [GB/GB]; Bracken, Saunders Lane, Awbridge, Hampshire SO51 0GP (GB). ROWLEY, Philip, David [GB/GB]; 105 Cranbury Road, Eastleigh, Hampshire SO50 5HE (GB). SHARP, Christopher, Edward [GB/GB]; Farley Cottage, 9 Newburgh Street, Winchester, Hampshire SO23 8UY (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06F 17/30
- (11) WO 2004/090752 (13) A1
- (21) PCT/IB2004/001068
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/462,777 14 Apr/avr 2003 US (14.04.2003)
- (30) 60/509,800 8 Oct/oct 2003 US (08.10.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND APPARATUS FOR SUMMARIZING A MUSIC VIDEO USING CONTENT ANALYSIS
• PROCEDE ET APPAREIL DE PRODUCTION DE RESUMES DE VIDEOCLIPS PAR ANALYSE DU CONTENU
- (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) AGNIHOTRI, Lalitha [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). DIMITROVA, Nevenka [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). KENDER, John [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).
- (74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o GATHMAN, Laurie, P.O.Box 3001, Briarcliff Manor, NY 10510-8001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06F 17/30, G11B 27/00
- (11) WO 2004/090753 (13) A1
- (21) PCT/IB2004/050364
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) en (26) en
- (30) 03100911.1 7 Apr/avr 2003 EP (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CONTENT DIRECTORY SERVICE IMPORT CONTAINER
• CONTENT DIRECTORY SERVICE IMPORT CONTAINER
- (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) BODLAENDER, Maarten, P. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN GASSEL, Jozef, P. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). NIESSEN, Erik, P., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BLIJLEVEN, Jennifer, J., M., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) GRAVENDEEL, Cornelis; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (51)⁷ G06F 17/30
- (11) WO 2004/090754 (13) A1
- (21) PCT/US2004/010568
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 60/460,658 4 Apr/avr 2003 US (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A SYSTEM FOR GENERATING SEARCH RESULTS INCLUDING SEARCHING BY SUBDOMAIN HINTS AND PROVIDING SPONSORED RESULTS BY SUBDOMAIN
• PROCEDE DE PRODUCTION DE RESULTATS DE RECHERCHE CONSISTANT A EFFECTUER UNE RECHERCHE PAR ALGORITHMES D'OPTIMISATION DE SOUS-DOMAIN ET A FOURNIR DES RESULTATS PARRAINES PAR SOUS-DOMAIN
- (71) YAHOO! INC. [US/US]; 701 First Avenue, Sunnyvale, California 94089 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DIAB, Ali [US/US]; 149 Tuscaloosa Avenue, Atherton, California 94027-4016 (US). GATZ, Scott A. [US/US]; 220 Hartford Street, San Francisco, California 94114 (US). KAPUR, Shyam [IN/US]; 955 Escalon Avenue, #309, Sunnyvale, California 94085 (US). KU, David [US/US]; 373 Pagosa Way, Fremont, California 94539 (US). KUNG, Chuck [US/US]; 146 Frederick Court, Los Altos, California 94022 (US). HOANG, Phu [US/US]; 478 Warren Drive, #521, San Francisco, California 94131 (US). LU,

- Qi** [CN/US]; 1066 Quail Creek Circle, San Jose, California 95120 (US). **POGUE, Lynne** [US/US]; 101 Laurel Avenue, Menlo Park, California 94025 (US). **SHEN, Yuan Kui** [US/US]; 10470 Oakville Avenue, Cupertino, California 95014 (US). **SHI, Norman** [US/US]; 38697 Chrisholm Place, Fremont, California 94536 (US). **TRAN, Thai** [US/US]; 1281 Alameda de las Pulgas, Redwood City, California 94061 (US). **WALTHER, Eckart** [DE/US]; 1230 Parkinson Avenue, Palo Alto, California 94301 (US). **WEINER, Jeff** [US/US]; 360 Forrester Avenue, #502, Palo Alto, California 94301 (US).
- (74) **YOUNG, Brian et al.** / etc.; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, California 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2004/090756** (13) A2
- (21) PCT/EP2004/001168
- (22) **9 Feb/fév 2004 (09.02.2004)**
- (25) de (26) de
- (30) 103 16 292.5 **9 Apr/avr 2003** DE (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND ARRAY FOR PERFORMANCE FORECAST OF AN INFORMATION-TECHNICAL SYSTEM
- PROCEDE ET DISPOSITIF DE PREVISION DE PERFORMANCES D'UN SYSTEME INFORMATIQUE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HENNIG, Andreas** [DE/DE]; Wingerstr. 7, 81737 München (DE). **HENTSCH, Anja** [DE/DE]; Hofangerstr. 104, 81735 München (DE). **TYACK, James** [GB/GB]; 52 Victory Rd. Beeston, Nottingham NG9 (GB).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/50**
- (11) **WO 2004/090758** (13) A2
- (21) PCT/US2004/010006
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) en (26) en
- (30) 10/407,678 **4 Apr/avr 2003** US (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND APPARATUS FOR AUTOMATED SYNTHESIS OF MULTI-CHANNEL CIRCUITS
- PROCEDE ET APPAREIL DE SYNTHESE AUTOMATIQUE DE CIRCUITS A CANAUX MULTIPLES
- (71) **SYNPLICITY, INC.** [US/US]; 600 W. California Avenue, Sunnyvale, CA 94086 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **LEVENT, Oktem**; 656 E. Duane Ave., Sunnyvale, CA 94085 (US). **MCELVAIN, Kenneth, S.**; 1209 Via Huerta, Los Altos, CA 94024 (US).
- (74) **SHELLER, James, C. et al.** / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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, G06N 5/00**
- (11) **WO 2004/090757** (13) A1
- (21) PCT/SG2004/000085
- (22) **7 Apr/avr 2004 (07.04.2004)**
- (25) en (26) en
- (30) 200301987-4 **8 Apr/avr 2003** SG (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (71) **GOOGLE INC.** [US/US]; 2400 Bayshore Parkway, Mountain View, CA 94043 (US).
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- (72) **LAMPING, John**; 1299 Eva Avenue, Los Altos, CA 94024 (US). **GOMES, Ben**; 79 Eldora, Mountain View, CA 94041 (US). **MCGRATH, Mizuki**; 175 Bluxome Street #316, San Francisco, CA 94107 (US). **SINGHAL, Amit**; 2435 Aztec Way, Palo Alto, CA 94303 (US).
- (74) **INOUE, Patrick, Joseph, Sus**; Law Offices of Patrick J.S. Inouye, 810 Third Avenue, Suite 258, Seattle, WA 98104 (US).
- (54) • FULL KNOWLEDGE BASE AUTOMATIC CAD SYSTEM AND METHOD FOR AUTOMATICALLY GENERATING A CAD ENGINEERING DRAWING
- SYSTEME CAO AUTOMATIQUE A BASES DE CONNAISSANCES COMPLET ET PROCEDE DE GENERATION AUTOMATIQUE DE DESSIN INDUSTRIEL PAR CAO
- (71) **AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH** [SG/SG]; 20 Biopolis Way, Centros #07-01, Singapore 138668 (SG).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CAI, Jun** [SG/SG]; Blk 118D, Jalan Membina, #29-105, Singapore 164118 (SG).
- (74) **ALLEN & GLEDHILL**; One Marina Boulevard, #28-00, Singapore 018989 (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/50

(11) WO 2004/090759 (13) A2

(21) PCT/US2004/010320

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(25) en (26) en

(30) 60/460,080 3 Apr/avr 2003 US (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CIRCUIT HAVING HARDWARE THREADING

• CIRCUIT PARTAGEANT LES RES-SOURCES MATERIELLES

(71) TUFTS UNIVERSITY [US/US]; Ballou Hall, Medford, Massachusetts 02155 (US).
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(72, 75) HASSOUN, Soha M.N. [US/US]; 54 School Street, Lexington, Massachusetts 02421 (US). SWAHN, Brian, G. [US/US]; 9550 Silverthorn Road, McKean, Pennsylvania 16426 (US).

(74) MOFFORD, Donald, F. et al. / etc.; Suite 101, 275 Turnpike Street, Canton, Massachusetts 02021 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

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(51)⁷ G06F 17/60

(11) WO 2004/090760 (13) A1

(21) PCT/AU2004/000434

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(30) 2003901617 7 Apr/avr 2003 AU (07.04.2003)

(30) 2003901795 15 Apr/avr 2003 AU (15.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COMPETITION ENTRY

• PARTICIPATION A UNE COMPETITION

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(74) SILVERBROOK, Kia; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 2004/090761 (13) A1

(21) PCT/AU2004/000435

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 2003901617 7 Apr/avr 2003 AU (07.04.2003)

(30) 2003901795 15 Apr/avr 2003 AU (15.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LOCATIONS BASED PROMOTIONS

• PROMOTIONS FONCTION DU LIEU

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(72, 75) DENOON, Alexander, James, Tod [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). SILVERBROOK, Kia [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). LAPSTUN, Paul [NO/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). LAPSTUN, Jacqueline, Anne [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(74) SILVERBROOK, Kia; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2004/090762 (13) A1

(21) PCT/CA2004/000487

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 2,424,771 7 Apr/avr 2003 CA (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM AND METHOD FOR ATTACHING ADVERTISEMENTS TO MEDIA FILES

• SYSTEME ET PROCEDURE POUR RELIER DES ANNONCES PUBLICITAIRES A DES FICHIERS DE CONTENU MULTIMEDIA

(71) BUZZ TECHNOLOGIES [CA/CA]; c/o 73 Lindenwood Drive East, Winnipeg, Manitoba R3P 1M8 (CA).

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(72, 75) CABRERA, Harold, Cruz [CA/CA]; 701 Cambridge Street, Winnipeg, Manitoba R3M 3G2 (CA). SLOANE, Richard, Bruce [CA/CA]; 14 - 600 McMillan Avenue, Winnipeg, Manitoba R3L 0N6 (CA). WACH, Stephen, Andrew [CA/CA]; 23-348 Arbuthnot Street, Winnipeg, Manitoba R3M 2R4 (CA). GESKE, Kyle, Andrew, McGrath [CA/CA]; 6-469 Beresford Avenue, Winnipeg, Manitoba R3L 1J4 (CA).

(74) AIKINS PATENT COMPANY; 30th Floor - 360 Main Street, Winnipeg, Manitoba R3C 4G1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (22) 13 Apr/avr 2004 (13.04.2004)
(25) en (26) en
(30) 10/412,296 14 Apr/avr 2003 US
(14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • APPARATUS FOR STORING AND TRANSFERRING PERSONAL DATA
• APPAREIL DE STOCKAGE ET TRANSFERT DE DONNEES PERSONNELLES
- (71, 72) ECKERL, Marcus [CA/CA]; 130 Place du Soleil, Montreal, Québec H3E 1P9 (CA).
- (74) NAKANO, Robert et al. / etc.; Suite 4700, P.O. Box 48, 66 Wellington Street West, Toronto Dominion Bank Tower, Toronto, Ontario M5K 1E6 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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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(25) en (26) en
(30) 10/413,442 14 Apr/avr 2003 US
(14.04.2003)
(30) 10/445,722 27 May/mai 2003 US
(27.05.2003)
(30) 10/608,895 27 Jun/juin 2003 US
(27.06.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PREDICTING MARKETING CAMPAIGNS USING CUSTOMER-SPECIFIC RESPONSE PROBABILITIES AND RESPONSE VALUES
• PREDICTION DE RESULTATS DE CAMPAGNES DE MARKETING AU MOYEN DE PROBABILITES DE REPONSES ET DE VALEURS DE REPONSES SPECIFIQUES DE CLIENTS
- (71) SAP AG [DE/DE]; Neurottstr. 16, 69190 Walldorf (DE).
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- (72, 75) WITTING, Thomas [DE/DE]; Bahnhofstr. 5, 69115 Heidelberg (DE).
- (74) ROCKE, Carsten; Müller-Boré & Partner, Grafinger Str. 2, 81671 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2004/090767 (13) A2
(21) PCT/FR2004/050136
(22) 30 Mar/mar 2004 (30.03.2004)
(25) fr (26) fr
(30) 03/03926 31 Mar/mar 2003 FR
(31.03.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COMPUTER EQUIPMENT FOR AN ACTOR IN A LOGISTIC CHAIN
• EQUIPEMENT INFORMATIQUE POUR UN ACTEUR D'UNE CHAÎNE LOGISTIQUE
- (71) AGREEN TECH [FR/FR]; Parc technologique de, F-56270 Ploemeur (FR).
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- (72, 75) GUIVARCH, Baptiste [FR/FR]; 28, rue des Monts d'Arrée, F-37500 Rennes (FR). GUIVARCH, Lionel [FR/FR]; 13, rue Pierre Bellesculée, F-35700 Rennes (FR). ROTH, Yves-Marie [FR/FR]; 11, rue Discalceat, F-35760 Saint Gregoire (FR). GESTRAUD, Nicolas [FR/FR]; 3, rue Georges Sand, F-35700 Rennes (FR). TEXIER, Vincent [FR/FR]; 144, route de Lorient, F-35000 Rennes (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
- (22) 13 Apr/avr 2004 (13.04.2004)
(25) en (26) en
(30) 10/412,296 14 Apr/avr 2003 US
(14.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • APPARATUS FOR STORING AND TRANSFERRING PERSONAL DATA
• APPAREIL DE STOCKAGE ET TRANSFERT DE DONNEES PERSONNELLES
(71, 72) ECKERL, Marcus [CA/CA]; 130 Place du Soleil, Montreal, Québec H3E 1P9 (CA).
(74) NAKANO, Robert et al. / etc.; Suite 4700, P.O. Box 48, 66 Wellington Street West, Toronto Dominion Bank Tower, Toronto, Ontario M5K 1E6 (CA).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(25) en (26) en
(30) 10/413,442 14 Apr/avr 2003 US
(14.04.2003)
(30) 10/445,722 27 May/mai 2003 US
(27.05.2003)
(30) 10/608,895 27 Jun/juin 2003 US
(27.06.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • PREDICTING MARKETING CAMPAIGNS USING CUSTOMER-SPECIFIC RESPONSE PROBABILITIES AND RESPONSE VALUES
• PREDICTION DE RESULTATS DE CAMPAGNES DE MARKETING AU MOYEN DE PROBABILITES DE REPONSES ET DE VALEURS DE REPONSES SPECIFIQUES DE CLIENTS
(71) SAP AG [DE/DE]; Neurottstr. 16, 69190 Walldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) WITTING, Thomas [DE/DE]; Bahnhofstr. 5, 69115 Heidelberg (DE).
(74) ROCKE, Carsten; Müller-Boré & Partner, Grafinger Str. 2, 81671 München (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(11) WO 2004/090766 (13) A2
(21) PCT/EP2004/003931
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(25) en (26) en
(30) 10/413,442 14 Apr/avr 2003 US
(14.04.2003)
(30) 10/445,722 27 May/mai 2003 US
(27.05.2003)
(30) 10/608,895 27 Jun/juin 2003 US
(27.06.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • METHOD AND SYSTEM FOR SYSTEMATIC EVALUATION OF EVALUATION PARAMETERS OF TECHNICAL OPERATIONAL EQUIPMENT
• PROCEDE ET SYSTEME D'EVALUATION SYSTEMATIQUE DE PARAMETRES D'EVALUATION DE MATERIEL TECHNIQUE
(71) ABB PATENT GMBH [DE/DE]; Wallstadter Strasse 59, 68520 Ladenburg (DE).
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(72, 75) FANTANA, Nicolaie, Laurentiu [DE/DE]; Häuselgasse 39, 69124 Heidelberg (DE). PETERSSON, Lars [SE/SE]; Tingshusgatan 4, S-771 31 Ludvika (SE). PERKINS, Mark, D. [US/US]; 503 Bridgewater Court, St. Charles, MO 63304 (US). GIRGIS, Ramsis, S. [US/US]; 9 Hickory Mound Court, Wildwood, MO 63011 (US). FAZLAGIC, Asim [US/US]; 4400 Lindell #7K, St. Louis, MO 63108 (US).
(74) MILLER, Toivo; ABB Patent GmbH, Wallstadter Strasse 59, 68526 Ladenburg (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ G06F 17/60, H04L 29/08
- (11) WO 2004/090768 (13) A1
- (21) PCT/FR2004/000664
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) fr (26) fr
- (30) 03/03955 31 Mar/mar 2003 FR (31.03.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • INFORMATION SYSTEM AND METHOD FOR THE DYNAMIC PROCESSING OF INFORMATION ON THE AVAILABILITY AND/OR USAGE OF SERVICES FOR USERS OF COMMUNICATION TERMINALS
- SYSTEME ET PROCEDURE D'INFORMATION POUR L'ELABORATION DYNAMIQUE D'INFORMATIONS SUR LA DISPONIBILITE ET/OU LA FREQUENTATION DE SERVICES POUR UTILISATEURS DE TERMINAUX COMMUNICANTS
- (71) FRANCE TELECOM [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).
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- (72, 75) BRUN, Alain [FR/FR]; Route de Champrond, Le Gua, F-38450 Vif (FR). BERGE, Jean-Michel [FR/FR]; 2, allée du Saint-Eynard, F-38330 Saint Nazaire les Eymes (FR). TRAN XUAN, Fabrice [FR/FR]; 16, rue Etienne de la Boétie, F-38320 Eybens (FR). VILLAIN, Eric [FR/FR]; 32, rue Pierre Brossolette, F-38400 Saint-Martin D'Heres (FR).
- (74) BUREAU D.A. CASALONGA-JOSSE; 8, avenue Percier, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)

- (51)⁷ G06F 17/60, G07F 19/00
- (11) WO 2004/090769 (13) A2
- (21) PCT/IE2004/000055
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) en (26) en
- (30) S2003/0280 11 Apr/avr 2003 IE (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • AN INTERNET CUSTOMER ACCOUNT FUNDING SYSTEM AND METHOD
- SYSTEME ET PROCEDURE D'APPROVISIONNEMENT DE COMPTE CLIENT SUR INTERNET
- (71) INTERNET PAYMENTS PATENTS LIMITED [IE/IE]; Elsinore, Meath Road, Bray, County Wicklow (IE).
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- (72, 75) CORCORAN, Joseph, Patrick [IE/IE]; 9 Carrysfort, Blackrock, County Dublin (IE). FORAN, John, Anthony [IE/IE]; Elsinore, Meath Road, Bray, County Wicklow (IE). MURPHY, Christy [IE/IE]; Seandun, Kilmolin, Enniskerry, County Wicklow (IE).
- (74) O'CONNOR, Donald, H. et al. / etc.; Cruickshank & Co., 1 Holles Street, Dublin 2 (IE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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, G07G 3/00, H04M 11/04, G08B 15/00, G07F 19/00
- (11) WO 2004/090770 (13) A1
- (21) PCT/IL2003/000300
- (22) 9 Apr/avr 2003 (09.04.2003)
- (25) en (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • APPARATUS, SYSTEM AND METHOD FOR DISPUTE RESOLUTION, REGULATION COMPLIANCE AND QUALITY MANAGEMENT IN FINANCIAL INSTITUTIONS
- APPAREIL, SYSTEME ET PROCEDURE DE RESOLUTION DE CONFLITS, DE CONFORMITE AUX REGLEMENTS ET DE GESTION DE LA QUALITE DANS DES INSTITUTIONS FINANCIERES
- (71) NICE SYSTEMS LTD. [IL/IL]; 8 Hapnina Street, 43107 Ra'anana (IL).

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- (72, 75) ADAR, Roy [IL/IL]; 18 Harugei Malchut Bavel Street, 55603 Kiryat Ono (IL). SHERMISTER, Shai [IL/IL]; 8 Revka Gover Street, 43728 Ra'anana (IL). NISANI, Motti [IL/IL]; 22 Hadar Street, 45855 Sedi Hemed (IL).
- (74) AGMON, Jonathan et al. / etc.; Soroker-Agmon, Advocates and Patent Attorneys, Nolton House, 14 Shenkar Street, Herzliya Pituach 46725 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06F 17/60
- (11) WO 2004/090771 (13) A1
- (21) PCT/JP2003/004271
- (22) 3 Apr/avr 2003 (03.04.2003)
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ELECTRONIC COMMERCE METHOD, ELECTRONIC COMMERCE SYSTEM, AUTHENTICATION TERMINAL, AND AUTHENTICATION METHOD BY AGENT
- METHODE DE COMMERCE ELECTRONIQUE, SYSTEME DE COMMERCE ELECTRONIQUE, TERMINAL D'AUTHENTIFICATION ET METHODE D'AUTHENTIFICATION MISE EN OEUVRE PAR UN AGENT
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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- (74) SANADA, Tamotsu; Kichijoji-Hirose Bldg. 5th Floor, 10-31, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).
- (81) JP US.
- (51)⁷ G06F 17/60
- (11) WO 2004/090772 (13) A1
- (21) PCT/JP2003/004367

- (22) 4 Apr/avr 2003 (04.04.2003)
 (25) ja (26) ja
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • WORD INFORMATION USE MANAGEMENT EVALUATION SYSTEM
 • SYSTEME D'EVALUATION DE LA GESTION D'UTILISATION D'INFORMATIONS DE TYPE MOTS
- (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) HONDA, Kazuaki [JP/JP]; c/o FUJITSU LEARNING MEDIA, LTD., 37-10, Nishi-kamata 7-chome, Ota-ku, Tokyo 144-0051 (JP). KUZUMAKI, Hiroshi [JP/JP]; c/o FUJITSU LEARNING MEDIA, LTD., 37-10, Nishi-kamata 7-chome, Ota-ku, Tokyo 144-0051 (JP). ONO, Tomotaka [JP/JP]; c/o FUJITSU LEARNING MEDIA, LTD., 37-10, Nishi-kamata 7-chome, Ota-ku, Tokyo 144-0051 (JP). TAKANO, Kosei [JP/JP]; c/o FUJITSU LEARNING MEDIA, LTD., 37-10, Nishi-kamata 7-chome, Ota-ku, Tokyo 144-0051 (JP).
- (74) OSUGA, Yoshiyuki; 3rd Fl., Nibancho Bldg., 8-20, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).
- (81) CN JP US.
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- (51)⁷ G06F 17/60
 (11) WO 2004/090773 (13) A1
 (21) PCT/JP2003/004533
 (22) 9 Apr/avr 2003 (09.04.2003)
 (25) ja (26) ja
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • INFORMATION PROVISION INTERMEDIATION SYSTEM, INFORMATION PROVISION INTERMEDIATION METHOD, AND COMPUTER PROGRAM
 • SYSTEME D'INTERMEDIATION DE FOURNITURE D'INFORMATION, PROCEDE D'INTERMEDIATION DE FOURNITURE D'INFORMATION, ET PROGRAMME INFORMATIQUE
- (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) OHNO, Takashi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). FUJIMOTO, Shingo [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). KAKUTA, Jun [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) KUBO, Yukio; Oriental Chisan Building, 1-26, Nishinakajima 7-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
- (81) JP US.
-
- (51)⁷ G06F 17/60
 (11) WO 2004/090774 (13) A1
 (21) PCT/JP2004/004907
- (22) 5 Apr/avr 2004 (05.04.2004)
 (25) ja (26) ja
 (30) 2003-101887 4 Apr/avr 2003 JP (04.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • INTELLIGENCE VALUE INDEX CALCULATION METHOD
 • PROCEDE DE DETERMINATION D'INDICE DE POTENTIEL INTELLECTUEL
- (71) NIHON KEIZAI SHIMBUN INC. [JP/JP]; 9-5, Otemachi 1-chome, Chiyoda-ku Tokyo, 1008066 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) OKADA, Ellie [JP/JP]; 1-10-1-3314, Higashishinbashi, Minato-ku Tokyo, 1050021 (JP).
- (72, 75) INOUE, Yutaka [JP/JP]; C/O NIHON KEIZAI SHIMBUN INC. 9-5, Otemachi 1-chome, Chiyoda-ku Tokyo, 1008066 (JP). ISHIKAWA, Yoshiaki [JP/JP]; C/O NIHON KEIZAI SHIMBUN INC. 9-5, Otemachi 1-chome, Chiyoda-ku Tokyo, 1008066 (JP).
- (74) KAWAGUCHI, Yoshiyuki et al. / etc.; Acropolis 21 Building 6th floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo, 1030004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/60
 (11) WO 2004/090775 (13) A1
 (21) PCT/KR2004/000812
 (22) 7 Apr/avr 2004 (07.04.2004)
 (25) ko (26) en
 (30) 10-2003-0021584 7 Apr/avr 2003 KR (07.04.2003)
 (30) 10-2003-0022564 10 Apr/avr 2003 KR (10.04.2003)
 (30) 10-2003-0026627 28 Apr/avr 2003 KR (28.04.2003)
 (30) 10-2003-0031118 16 May/mai 2003 KR (16.05.2003)
 (30) 10-2004-0023683 7 Apr/avr 2004 KR (07.04.2004)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • COMMUNICATION METHOD, PROGRAM, MEDIA, AND DEVICE TO AUTHENTICATE, MORTGAGE, AND PROCESS COMPENSATION FOR SPAM
 • PROCEDE, PROGRAMME, SUPPORT ET DISPOSITIF DE COMMUNICATION ET D'AUTHENTIFICATION
- ET COMPENSATION DE COURRIER POUBELLE
- (71, 72) HEO, Se Jin [KR/KR]; 333-8, 304Ho, Gongneung2-dong, Nowon-gu, 139-802 Seoul (KR).
- (74) CHO, Sang Kyun; 402 Daimyung Building 746-22, Yeoksam-dong, Kangnam-ku, Seoul 135-925 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G06F 17/60
 (11) WO 2004/090776 (13) A1
 (21) PCT/KR2004/000820
 (22) 8 Apr/avr 2004 (08.04.2004)
 (25) ko (26) en
 (30) 10-2003-0023078 11 Apr/avr 2003 KR (11.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • A METHOD FOR DETERMINING A SPECIALIST IN A FIELD ON-LINE AND A SYSTEM FOR ENABLING THE METHOD
 • PROCEDE POUR CHOISIR UN SPECIALISTE DANS UN DOMAINE EN LIGNE ET SYSTEME DE REALISATION DE CE PROCEDE
- (71) NHN CORPORATION [KR/KR]; 34th Fl., Startower Building, 737 Yoksam-dong, Kangnam-gu, 135-984 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHOI, Mi Jeong [KR/KR]; No. 9-505, Woosung 4-cha Apartment, Dogok-2-dong, Kangnam-gu, 135-853 Seoul (KR).
- (74) CHUN, Sung Jin; Muhann Patent & Law Firm, 5th Fl., Youngpoong Building, 142 Nonhyun-dong, Kangnam-gu, Seoul 135-749 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 2004/090777 (13) A1

(21) PCT/KR2004/000822

(22) 8 Apr/avr 2004 (08.04.2004)

(25) ko (26) en

(30) 10-2003-0022365 9 Apr/avr 2003 KR
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND SYSTEM FOR PROVIDING TELE-HEALTHCARE BY USING HOUSEHOLD MEDICAL DEVICES

• PROCEDE ET SYSTEME DE SERVICES DE SOINS DE SANTE A DISTANCE METTANT EN OEUVRE DES DISPOSITIFS MEDICAUX DE PARTICULIERS

(71) H3 SYSTEM CO., LTD. [KR/KR]; 208, ETRI Technology Business Incubator, 52, Eoeun-dong, Yuseong-gu, Daejeon 305-333 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Minjoon; 103-1003, Narae Apt., 462-4 Jeonmin-dong, Yuseong-gu, Daejeon 305-811 (KR). KIM, Junggon [KR/KR]; 106-307 Bangbae-Woosung Apt., 2525, Bangbae-dong, Seocho-gu, Seoul 137-753 (KR). YOON, Miseon [KR/KR]; 103-1003 Narae Apt., 462-4 Jeonmin-dong, Yuseong-gu, Daejeon 305-811 (KR).

(74) LEE, Chulhee et al. / etc.; 3F, Doosan Bldg., 105-7 Nonhyun-dong, Gangnam-gu, Seoul 135-714 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 2004/090778 (13) A1

(21) PCT/SG2004/000080

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 200302071-6 10 Apr/avr 2003 SG
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SECURITY SYSTEM AND PROCESSES FOR GOODS SUPPLY CHAIN MANAGEMENT

• SYSTEME DE SECURITE ET PROCEDES DE GESTION DE LA CHAINE D'APPROVISIONNEMENT DE BIENS

(71) SEMBCORP LOGISTICS LTD [SG/SG]; 5 Clementi Loop, Singapore 129816 (SG).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIM, Kwang, Leng, Andrew [SG/SG]; 27 Binchang Rise, Singapore 579894 (SG). NG, Hong, Tze, Jansen [SG/SG]; Blk 1B, Gillman Heights, #15-17, Singapore 101001 (SG). GHOSH, Priyadarsan [SG/SG]; Blk 58, Strathmore Avenue, #22-109, Singapore 142058 (SG).

(74) O'CONNOR, Teresa; Infinitus Law Corporation, Raffles City Post Office, P.O.Box 259, Singapore 911709 (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ G06F 19/00

(11) WO 2004/090779 (13) A2

(21) PCT/EP2004/003613

(22) 6 Apr/avr 2004 (06.04.2004)

(25) de (26) de

(30) 103 15 877.4 8 Apr/avr 2003 DE
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONTROL FOR A DISEASE PROGRESSION

• CONTROLE DE L'EVOLUTION D'UNE MALADIE

(71) ROCHE DIAGNOSTICS GMBH [DE/DE]; Sandhofer Str. 116, 68305 Mannheim (DE).

(only for / seulement pour DE)

(71) F. HOFFMANN-LA-ROCHE AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

(for all designated States except / pour tous les États désignés sauf DE)

(72, 75) PETRICH, Wolfgang [DE/DE]; Gutenbergstrasse 7a, 76669 Bad Schoenborn (DE). WERNER, Gerhard [DE/DE]; Naechstenbacher Weg 5, 69469 Weinheim (DE). HEIN, Heinz-Michael [DE/DE]; Donnersbergweg 24 G, 64295 Darmstadt (DE). KUHR,

Hans-Juergen [DE/DE]; Perreystrasse 30, 68219 Mannheim (DE).

(74) WILDSCHÜTZ, Sabine; Roche Diagnostics GmbH, 68298 Mannheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ G06F 19/00

(11) WO 2004/090780 (13) A2

(21) PCT/EP2004/050391

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 103 15 581.3 5 Apr/avr 2003 DE
(05.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DETERMINING THE QUALITY OF BIOMOLECULE SAMPLES

• DETERMINATION DE LA QUALITE D'ECHANTILLONS DE BIOMOLECULES

(71) AGILENT TECHNOLOGIES, INC. [US/US]; 395 Page Mill Road, Palo Alto, CA 94306 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHROEDER, Andreas [DE/DE]; Alte Ingolstaedter Str. 7b, 76131 Beilngries (DE). RAGG, Thomas [DE/DE]; Ringstrasse 61, 76356 Weingarten (DE). STOCKER, Susanne [DE/DE]; Hauptstrasse 90-1, 76307 Karlsbad (DE). MUELLER, Odilo [DE/DE]; Rhode Island Allee 23, 76149 Karlsruhe (DE). SALOWSKY, Ruediger [DE/DE]; Stephanienstrasse 21, 76133 Karlsruhe (DE). LEIBER, Michael [DE/DE]; Hoehenstrasse 7, 76307 Karlsbad (DE).

(74) BARTH, Daniel; Herrenberger Str. 130, 71034 Böblingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 21/00, 1/00, H04M 1/725

(11) WO 2004/090781 (13) A1

(21) PCT/JP2004/004582

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 0307628.8 2 Apr/avr 2003 GB (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • APPARATUS FOR AUTHORISING ACCESS TO AN ELECTRONIC DEVICE

• APPAREIL AUTORISANT L'ACCES A UN DISPOSITIF ELECTRONIQUE

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARKER, John [GB/GB]; c/o NEC Technologies (UK) Ltd., Level 3, The Imperium, Imperial Way, Reading, Berkshire RG20TD (GB).

(74) MIYAZAKI, Teruo et al. / etc.; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06G 7/00, G06F 15/18, G06N 3/08, G05B 13/02

(11) WO 2004/090782 (13) A1

(21) PCT/US2004/010120

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,285 31 Mar/mar 2003 US (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ACCURATE LINEAR PARAMETER ESTIMATION WITH NOISY INPUTS

• ESTIMATION DE PARAMETRE LINEAIRE DE PRECISION EN PRESENCE D'ENTREES DE TYPE SIGNAUX DE BRUIT

(71) UNIVERSITY OF FLORIDA [US/US]; 223 Grinter Hall, Gainesville, FL 32611 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) ERDOGMUS, Deniz; 2915-67 S.W. 13th Street, Gainesville, FL 32608 (US). PRINCIPE, Jose, Carlos; 5027 N.W. 67th Street, Gainesville, FL 32653 (US). RAO, Yadunandana, Nagaraja; 1001 S.W. 16th Avenue, #57, Gainesville, FL 32601 (US).

(74) CUENOT, Kevin, T.; Akerman Senterfitt, P.O. Box 3188, West Palm Beach, FL 33402-3188 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K

(11) WO 2004/090783 (13) A2

(21) PCT/US2004/010019

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,414 31 Mar/mar 2003 US (31.03.2003)

(30) 10/814,411 30 Mar/mar 2004 US (30.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FREQUENCY HOPPING SPREAD SPECTRUM SCHEME FOR RFID READER

• SCHEMA DE MODULATION A SPECTRE ETALE A SAUTS DE FREQUENCE POUR LECTEUR RFID

(71) INTERMEC IP CORP. [US/US]; 21900 Burbank Boulevard, Woodland Hills, California 91367-7418 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EASTBURN, David Lee [US/US]; 2603 Schaeffer Drive, SW, Cedar Rapids, Iowa 52404 (US).

(74) BERLINER, Brian, M.; O'MELVENY & MYERS LLP, 400 South Hope Street, Los Angeles, CA 90071-2899 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K

(11) WO 2004/090784 (13) A2

(21) PCT/US2004/010231

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/407,402 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • RECHARGEABLE CORDLESS INPUT AND POINTING DEVICE

• DISPOSITIF DE POINTAGE ET DE SAISIE SANS FIL RECHARGEABLE

(71, 72) POLTORAK, Alexander, I. [US/US]; 128 W. Maple Avenue, Monsey, NY 10952 (US).

(74) WEISER, Anatoly, S.; 674 Via de la Valle, Suite 216, Solana Beach, CA 92075 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K

(11) WO 2004/090785 (13) A2

(21) PCT/US2004/010235

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/405,691 2 Apr/avr 2003 US (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • VISUAL PROFILE CLASSIFICATION

• CLASSEMENT VISUEL SELON LES CONTOURS

(71) LOCKHEED MARTIN CORPORATION [US/US]; 6801 Rockledge Drive, Bethesda, MD 20817 (US).

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(72, 75) LEE, Harry, C. [US/US]; 110 Lamorak Lane, Maitland, FL 32751 (US). SANDERS, Johnnie, J. [US/US]; 6210 Tebbetts Drive, Orlando, FL 32808 (US). OLSON, Teresa, L. [US/US]; 308 Forest Haven Drive, Winter Garden, FL 34787 (US).

(74) MYERS, Jeffrey, D.; Peacock, Myers & Adams P.C., P.O. Box 26927, Albuquerque, NM 87125-6927 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06K

(11) WO 2004/090786 (13) A2

(21) PCT/US2004/010376

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,247 4 Apr/avr 2003 US
(04.04.2003)

(30) 60/483,281 27 Jun/juin 2003 US
(27.06.2003)

(30) 60/504,594 18 Sep/sep 2003 US
(18.09.2003)

(30) 60/552,662 10 Mar/mar 2004 US
(10.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MULTISPECTRAL BIOMETRIC SEN-
SOR

• CAPTEUR BIOMETRIQUE MULTIS-
PECTRAL

(71) LUMIDIGM, INC. [US/US]; 800 Bradbury
SE, Suite 213, Albuquerque, NM 87106 (US).
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les États désignés sauf US)

(72, 75) ROWE, Robert, K. [US/US]; 229 Ash-
ley Lane, Corrales, New Mexico 87048 (US).
SIDLAUSKAS, David, P. [US/US]; 5 Ocean
View Road, Los Gatos, California 95033
(US). HARBOUR, Robert, M. [US/US];
3101 Old Pecos Trail, Quail Run 804, Santa
Fe, New Mexico 87505 (US).

(74) BOUCHER, Patrick et al. / etc.; Townsend
and Townsend and Crew LLP, Two Embar-
cadero Center, Eighth Floor, San Francisco,
CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06K

(11) WO 2004/090787 (13) A2

(21) PCT/US2004/010491

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,222 4 Apr/avr 2003 US
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • UNIVERSAL SEARCH INTERFACE
SYSTEMS AND METHODS

• SYSTEMES ET PROCEDES
D'INTERFACES DE RECHERCHE
UNIVERSELLES

(71) YAHOO!, INC. [US/US]; 701 First Avenue,
Sunnyvale, CA 94089 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KAPUR, Shyam [IN/US]; 955 Escalon
Avenue, #309, Sunnyvale, CA 94085 (US).

(74) GRAY, Gerald, T. et al. / etc.; Townsend
and Townsend and Crew LLP, Two Embar-
cadero Center, Eighth Floor, San Francisco,
CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06K

(11) WO 2004/090788 (13) A2

(21) PCT/US2004/010669

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,234 3 Apr/avr 2003 US
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM AND METHOD FOR DY-
NAMICALLY PERFORMING STOR-
AGE OPERATIONS IN A COMPUTER
NETWORK

• SYSTEME ET PROCEDE
DE MISE EN OEUVRE DY-
NAMIQUE D'OPERATIONS
D'ENREGISTREMENT DANS UN
RESEAU INFORMATIQUE

(71) COMMVAULT SYSTEMS, INC. [US/US];
2 Crescent Place, Oceanport, NJ 07757-0090
(US).

(72) KOTTOMTHARAYIL, Rajiv; 1508 Gar-
den Drive, Apt. 2, Ocean, NJ 07712 (US).
GOKHALE, Parag; 21 Oak Mews Court,
Ocean, NJ 07712 (US). PRAHLAD, Anand;
3 Bucknell Drive, East Brunswick, NJ 08816
(US). KUMAR, Manoj; 2140 Aldrin Road,
Apt. 2B, Ocean, NJ 07712 (US). NGO,
David; 152 Dorchester Way, Shrewsbury, NJ
07702 (US). DEVASSY, Varghese; 2 Nor-
cross Crescent, Winnepeg, Manitoba R3X
1H8 (CA).

(74) WOODS, James, J.; Brown Raysman Mill-
stein Felder & Steiner LLP, 900 Third Av-
enue, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06K

(11) WO 2004/090789 (13) A2

(21) PCT/US2004/010670

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,235 3 Apr/avr 2003 US
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM AND METHOD FOR EX-
TENDED MEDIA RETENTION

• SYSTEME ET PROCEDE DE CONSER-
VATION PROLONGEE DE SUPPORTS

(71) COMMVAULT SYSTEMS, INC. [US/US];
2 Crescent Place, Oceanport, NJ 07757-0090
(US).

(72) GOKHALE, Parag; 21 Oak Mews Court,
Ocean, NJ 07712 (US). LU, Yanhui; 156
Magnolia Drive, Chester Springs, PA 19425
(US).

(74) WOOD, James, J.; Brown Raysman Mill-
stein Felder & Steiner LLP, 900 Third Av-
enue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06K

(11) WO 2004/090790 (13) A2

(21) PCT/US2004/009804

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/405,921 1 Apr/avr 2003 US
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COLLABORATION BUS APPARATUS
AND METHOD

- APPAREIL DE BUS DE COLLABORATION ET PROCEDE ASSOCIE
- (71) PNP NETWORKS, INC. [US/US]; 1525 Siesta Drive, Los Altos, CA 94024 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) STRAW, Phillip, Edward; 123 Avenue Granada, El Granada, CA 94018 (US).
- (74) CASCIO, Anthony, T.; Cascio, Schmoeyer & Zervas, 423 Broadway Avenue, Suite 314, Millbrae, CA 94030-1905 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06K
- (11) WO 2004/090791 (13) A2
- (21) PCT/US2004/009943
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 10/405,416 2 Apr/avr 2003 US (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SERVING AN IMAGE IN MULTIPLE FORMATS FROM A PHOTOHOSTING WEBSITE
- PRODUCTION D'UNE IMAGE DANS DE MULTIPLES FORMATS A PARTIR D'UN SITE WEB D'HEBERGEMENT DE PHOTOS
- (71) FLASHPOINT TECHNOLOGY, INC. [US/US]; 20 Depot Street, Suite 2A, Peterborough, NH 03458 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) SVENDSEN, Hugh, B.; 110 Bergeron Way, Cary, NC 27519 (US).
- (74) SULLIVAN, Stephen, G.; Sawyer Law Group LLP, P.O. Box 51418, Palo Alto, CA 94303 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06K 7/00
- (11) WO 2004/090793 (13) A2
- (21) PCT/FR2004/000824
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) fr (26) fr
- (30) 03/04092 2 Apr/avr 2003 FR (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CONTACTLESS READING SYSTEM FOR CHIP CARDS PLACED ON OBJECTS
- SYSTEME DE LECTURE SANS CONTACT DE CARTES A PUCE APPOSEES SUR DES OBJETS
- (71) ASK S.A. [FR/FR]; 15 Traverse des Brucs, B.P. 337, F-06906 Sophia Antipolis Cédex (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PANGAUD, Nicolas [FR/FR]; Les Vergers des Belles Terres, 481, Route de Nice, 06560 Valbonne (FR). SABBAAH, Elias [FR/FR]; Residence Le Stadium, 100, avenue de la Grand'Pièce, F-06370 Mouans-Sartoux (FR).
- (74) BONNEAU, Gerard; Murgitroyd & Company, Immeuble Atlantis, 55 Allée Pierre
- Ziller - Sophia Antipolis, F-06560 Valbonne (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06K 7/00, H04M 1/00, 11/00
- (11) WO 2004/090794 (13) A1
- (21) PCT/JP2004/004983
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) ja (26) ja
- (30) 2003-102942 7 Apr/avr 2003 JP (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • INFORMATION PROCESSING METHOD
- PROCEDE DE TRAITEMENT D'INFORMATIONS
- (71) VODAFONE K.K. [JP/JP]; 2-5-1, Atago, Minato-ku, Tokyo 105-6205 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MOROTO, Mineko [JP/JP]; c/o Vodafone K.K., 2-5-1, Atago, Minato-ku, Tokyo 105-6205 (JP).
- (74) SHIBATA, Itsuo; TAF Kyobashi Bldg. 7th Floor, 19-4, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06K 9/00, G07D 7/00
- (11) WO 2004/090795 (13) A1
- (21) PCT/GB2004/001397
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 0308413.4 11 Apr/avr 2003 GB (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • VERIFICATION OF AUTHENTICITY OF CHECK DATA

- VERIFICATION D'AUTHENTICITE DE DONNEES DE CHEQUE

(71) **ENSEAL SYSTEMS LIMITED** [GB/GB]; 6 Thorney Leys Business Park, Witney, Oxford OX8 7GE (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HILTON, David** [GB/GB]; 12 Harveys Lane, Winchcombe, Glos GL54 5QT (GB). **WELLS, Peter** [GB/GB]; 4 Pregrine Close, Wokingham, Berkshire RG41 3HP (GB). **TAN, Weichao** [GB/GB]; 59 Aldrich Road, Oxford OX2 7SU (GB).

(74) **ORIGIN LIMITED**; 52 Muswell Hill Road, London N10 3JR (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 9/18, 9/20, 9/22

(11) **WO 2004/090796** (13) A1

(21) PCT/AU2004/000401

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 2003901617 **7 Apr/avr 2003** AU (07.04.2003)

(30) 2003901795 **15 Apr/avr 2003** AU (15.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LASER SCANNING DEVICE FOR PRINTED PRODUCT IDENTIFICATION CODES

- DISPOSITIF DE BALAYAGE LASER POUR CODES D'IDENTIFICATION DE PRODUITS IMPRIMES

(71) **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU). **LAPSTUN, Paul** [NO/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU). **RUSMAN, Jan** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).

(74) **SILVERBROOK, Kia**; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 9/62

(11) **WO 2004/090797** (13) A2

(21) PCT/US2004/010321

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 10/406,836 **4 Apr/avr 2003** US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DECISION TREE ANALYSIS

- ANALYSE PAR ARBRE DE DECISION

(71) **ELECTRONIC DATA SYSTEMS CORPORATION** [US/US]; 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **SMITH, Laurence**; 33 Pendragon Way, Heatherside, Camberley Surrey GU15 1BS (GB). **TANSLEY, John**; 4 Stanton Drive Fleet, Hampshire, GU51 5EB (GB).

(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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06K 9/78

(11) **WO 2004/090798** (13) A1

(21) PCT/AU2004/000400

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 2003901617 **7 Apr/avr 2003** AU (07.04.2003)

(30) 2003901795 **15 Apr/avr 2003** AU (15.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SENSING DEVICE FOR CODED DATA
• DISPOSITIF DE DETECTION POUR DONNEES CODEES

(71) **SILVERBROOK RESEARCH PTY LTD**

[AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU). **YOURLO, Zhenya, Alexander** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). **RIDLEY, Nicholas, Damon** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). **LAPSTUN, Paul** [NO/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). **HENDERSON, Peter, Charles, Boyd** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). **RUSMAN, Jan** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). **MOINI, Alireza** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). **UNDERWOOD, Matthew, John** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(74) **SILVERBROOK, Kia**; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 17/00

(11) **WO 2004/090799** (13) A1

(21) PCT/GB2004/001510

- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 0308468.8 12 Apr/avr 2003 GB
(12.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROCESS ANALYSIS SYSTEM
• SYSTEME D'ANALYSE DE PROCES-
SUS
- (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) COWLING, Donald [GB/GB]; QinetiQ
Ltd, Bincleaves Technology Park, Building
PK2, Newtons Road, Weymouth, Dorset
DT4 8UR (GB). STINCHCOMBE, Darren
[GB/GB]; QinetiQ Ltd, Bincleaves Tech-
nology Park, Building PK2, Newtons Road,
Weymouth, Dorset DT4 8UR (GB).
- (74) CLARKE, Alan; IP Formalities, Cody Tech-
nology Park, A4 Building, Room G016, Ively
Road, Farnborough, Hampshire GU14 0LX
(GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G06K 19/00
- (11) WO 2004/090800 (13) A2
- (21) PCT/EP2004/003880
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) de (26) de
- (30) 103 17 257.2 14 Apr/avr 2003 DE
(14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CONTACTLESS DATA CARRIER
• PORTEUSE DE DONNEES SANS
CONTACT
- (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) GRAF, Hans [DE/DE]; Hochgern-
strasse 3, 83026 Rosenheim (DE).
FINKENZELLER, Klaus [DE/DE];
Georg-Wopfner-Strasse 54, 80939 München
(DE). ROSSMADL, Alfred [DE/DE];
Bessererstrasse 8, 87737 Boos (DE).
- (74) KLUNKER SCHMITT-NILSON
HIRSCH; Winzererstrasse 106, 80797
München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (a)
-
- (51)⁷ G06K 19/00
- (11) WO 2004/090802 (13) A2
- (21) PCT/US2004/009899
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 60/509,047 2 Apr/avr 2003 US
(02.04.2003)
- (30) SUN-P8729 19 Mar/mar 2004 US
(19.03.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CARD DEVICE RESOURCE ACCESS
CONTROL
• COMMANDE D'ACCES A DES RES-
SOURCES PAR DISPOSITIF A CARTE
- (71) SUN MICROSYSTEMS, INC. [US/US];
4150 Network Circle, MS SCA12-203, Santa
Clara, CA 95054 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) DE JONG, Eduard, K. [NL/US]; 12
Alexandra Park, Redland Bristol BS6 6QD,
Bristol, UK BS6 6QD (GB). HANS,
Sebastian, J. [DE/DE]; Danckelmannstrasse 31,
Berlin 14059 (DE).
- (74) KREBS, Robert, E. et al. / etc.; Thelen Reid
& Priest LLP, P.O. Box 640640, San Jose, CA
95164-0640 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ G06K 19/00, G03H 1/04, G06K 7/12
- (11) WO 2004/090801 (13) A1
- (21) PCT/JP2004/005090
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) ja (26) ja
- (30) 2003-104048 8 Apr/avr 2003 JP
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • INFORMATION CODING DEVICE,
INFORMATION DECODING DEVICE,
AND METHOD THEREOF, AND PRO-
GRAM
• DISPOSITIF DE CODAGE
D'INFORMATIONS, DISPOSITIF
DE DECODAGE D'INFORMATIONS
ET PROCEDE ET PROGRAMMES
CORRESPONDANTS
- (71) NIPPON TELEGRAPH AND TELE-
PHONE CORPORATION [JP/JP]; 3-1,
Otemachi 2-chome, Chiyoda-ku, Tokyo
100-8116 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) ENDO, Masahiro [JP/JP]; c/o NTT In-
tellectual Property Center, 9-11, Midori-cho
3-chome, Musashino-shi, Tokyo 180-8585
(JP). KUROKAWA, Yoshiaki [JP/JP]; c/o
NTT Intellectual Property Center, 9-11, Mi-
dori-cho 3-chome, Musashino-shi, Tokyo
180-8585 (JP). YAGI, Shogo [JP/JP]; c/o
NTT Intellectual Property Center, 9-11, Mi-
dori-cho 3-chome, Musashino-shi, Tokyo
180-8585 (JP). TANABE, Takaya [JP/JP];
c/o NTT Intellectual Property Center, 9-11,
Midori-cho 3-chome, Musashino-shi, Tokyo
180-8585 (JP).
- (74) SHIGA, Masatake; 2-3-1, Yaesu, Chuo-ku,
Tokyo 104-8453 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ G06K 19/06, G06F 17/60
- (11) WO 2004/090803 (13) A1
- (21) PCT/AU2004/000437
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 2003901617 7 Apr/avr 2003 AU
(07.04.2003)
- (30) 2003901795 15 Apr/avr 2003 AU
(15.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OBTAINING PRODUCT ITEM ASSIS-
TANCE
• OBTENTION D'ASSISTANCE
CONCERNANT UN PRODUIT
- (71) SILVERBROOK RESEARCH PTY LTD
[AU/AU]; 393 Darling Street, Balmain, New
South Wales 2041 (AU).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) SILVERBROOK, Kia [AU/AU]; Sil-
verbroom Research Pty Ltd, 393 Darling
Street, Balmain, New South Wales 2041
(AU). LAPSTUN, Paul [NO/AU]; Silver-
brook Research Pty Ltd, 393 Darling Street,
Balmain, New South Wales 2041 (AU).

- (74) **SILVERBROOK, Kia**; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06K 19/06, 7/10, G09C 5/00**
- (11) **WO 2004/090804** (13) A1
- (21) PCT/JP2003/004250
- (22) **3 Apr/avr 2003 (03.04.2003)**
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • TWO-DIMENSIONAL BAR-CODE CREATING DEVICE, TWO-DIMENSIONAL BAR-CODE READER, TWO-DIMENSIONAL BAR-CODE CREATING METHOD, TWO-DIMENSIONAL BAR-CODE READING METHOD, AND PROGRAM
- DISPOSITIF DE CREATION DE CODE A BARRES BIDIMENSIONNEL, LECTEUR DE CODE A BARRES BIDIMENSIONNEL, PROCEDE DE CREATION DE CODE A BARRES BIDIMENSIONNEL, PROCEDE DE LECTURE DE CODE A BARRES BIDIMENSIONNEL ET PROGRAMME
- (71) **WIREACTION INC.** [JP/JP]; Kita-Aoyama Maizuru Bld. 2F, 10-22, Kita-Aoyama 2-chome, Minato-ku, Tokyo 107-0061 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAYASHI, Kazuhiro** [JP/JP]; c/o Wire-Action Inc., Kita-Aoyama Maizuru Bld. 2F, 10-22, Kita-Aoyama 2-chome, Minato-ku, Tokyo 107-0061 (JP).
- (74) **RYUKA, Akihiro**; 6F, Toshin Building, 24-12, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06K 19/07**
- (11) **WO 2004/090805** (13) A1
- (21) PCT/IB2003/001523
- (22) **14 Apr/avr 2003 (14.04.2003)**
- (25) en (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PORTABLE ELECTRONIC DEVICE CAPABLE OF ALTERNATE DATA CONVEYANCE OPERATIONS RESPONSIVE TO AN INVARIABLE ACTIVATION COMMAND
- DISPOSITIF ELECTRONIQUE PORTATIF PERMETTANT DES OPERATIONS DE TRANSFERT DE DONNEES EN ALTERNAT SUITE A UNE INSTRUCTION D'ACTIVATION INVARIABLE
- (71) **G. HOLDINGS LTD.** [BS/BS]; 1A, Star Plaza, Mackey St., P.O. Box SS-19013, Nassau (BS).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GAILLARD, Joël** [FR/BS]; 1A, Star Plaza, Mackey ST., P.O. Box SS-19013, Nassau (BS).
- (74) **NITHARDT, Roland**; Cabinet Nithardt et Associés S.A., B.P. 1445, F-68071 Mulhouse Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06K 19/07**
- (11) **WO 2004/090806** (13) A1
- (21) PCT/IT2004/000156
- (22) **29 Mar/mar 2004 (29.03.2004)**
- (25) en (26) en
- (30) **BS2003A000035** **8 Apr/avr 2003** IT
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • RADIO-FREQUENCY POSITION AND/OR LIMIT SWITCH SENSOR
- CAPTEUR DE CONTACTEUR DE POSITION ET/OU DE FIN DE COURSE DE RADIOFREQUENCE
- (71) **GIMATIC S.p.A.** [IT/IT]; Via Dell'Artigianato, 1 A/B, I-25030 Roncadelle (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BELLANDI, Giuseppe** [IT/IT]; Via Dell'Artigianato, 1 A/B, I-25030 Roncadelle (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **G06N 3/08**
- (11) **WO 2004/090807** (13) A2
- (21) PCT/EP2004/003289
- (22) **29 Mar/mar 2004 (29.03.2004)**
- (25) de (26) de
- (30) 103 16 381.6 **10 Apr/avr 2003** DE
(10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR TRAINING NEURAL NETWORKS
- PROCEDE D'ENTRAINEMENT DE RESEAUX NEURONAUX
- (71) **BAYER TECHNOLOGY SERVICES GMBH** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MRZIGLOD, Thomas** [DE/DE]; An den Weiher 76, 51467 Bergisch Gladbach (DE). **MOGK, Georg** [DE/DE]; Maria-Rost-Str. 7, 51515 Kürten (DE).
- (74) **BAYER TECHNOLOGY SERVICES GMBH**; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06N 5/04**
- (11) **WO 2004/090808** (13) A2
- (21) PCT/EP2004/050487
- (22) **7 Apr/avr 2004 (07.04.2004)**
- (25) en (26) en
- (30) 103 15 785.9 **7 Apr/avr 2003** DE
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR PROGRESSIVELY TRANSMITTING KNOWLEDGE AND COMPUTER PROGRAM PRODUCT RELATED THERETO

- SYSTEME INFORMATISE ET PROCEDE DE TRANSMISSION PROGRESSIVE DE CONNAISSANCES ET PRODUIT DE PROGRAMME INFORMATIQUE ASSOCIE
- (71) **DEFINIENS AG** [DE/DE]; Trappentreustraße 1-3, 80339 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ATHELOGOU, Maria** [GR/DE]; Ickstadtstraße 7, 80469 München (DE). **BENZ, Ursula** [DE/DE]; Am Griesfeld 13, 82239 Alling (DE).
- (74) **WINTER BRANDL UND KOLLEGEN**; Alois-Steinecker-Strasse 22, 85354 Freising (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 7/08, G06F 17/00**
- (11) **WO 2004/090809** (13) A2
- (21) PCT/RU2003/000141
- (22) **7 Apr/avr 2003 (07.04.2003)**
- (25) ru (26) ru
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR PROVIDING A REAL OBJECT WITH RANDOMISATION PROPERTIES AND A RANDOMISATION SYSTEM
- PROCEDE POUR CONFERER A UN OBJET REEL DES PROPRIETES DE RANDOMISATION ET SYSTEME DE RANDOMISATION
- (71) **MOSKVIN, Jury Vasilievich** [RU/RU]; ul. Oktyabrskaya, 97, Ostashkovo, Tverskaya obl., 172750 (RU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KULAKOV, Igor Anatolievich** [RU/RU]; ul. Bolnichnaya, 14-42, Dedovsk, Moskovskaya obl., 143530 (RU).
- (74) **DEMENTIEV, Vladimir Nikolaevich**; Prechistensky per., 14-1, Moscow, 119034 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (i)
-
- (51)⁷ **G06T**
- (11) **WO 2004/090810** (13) A2
- (21) PCT/US2004/010113
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) en (26) en
- (30) 10/403,070 **31 Mar/mar 2003 US (31.03.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND APPARATUS FOR ENHANCING IMAGES BASED ON STORED PREFERENCES
- PROCEDE ET APPAREIL POUR AMELIORER LES IMAGES FONDEES SUR DES REFERENCES STOCKEES
- (71) **SONY ELECTRONICS INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).
- (72) **RISING, Hawley, III**; 3300 Zanker Road, San Jose, CA 95134 (US). **DOMINIAK, Richard**; 3300 Zanker Road, San Jose, CA 95134 (US). **FISHER, Clay**; 16450 West Bernardo Dr., San Diego, CA 92127 (US). **EDWARDS, Eric**; 3300 Zanker Road, San Jose, CA 95134 (US).
- (74) **BUTLER, Richard, H.**; Valley Oak Law, 5655 Silver Creek Valley Road, #106, San Jose, CA 95138 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06T 1/00**
- (11) **WO 2004/090811** (13) A2
- (21) PCT/IB2004/050385
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) en (26) en
- (30) 03100982.2 **11 Apr/avr 2003 EP (11.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD OF DETECTING WATER-MARKS
- PROCEDE DE DETECTION DE FILIGRANES
- (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 VUGT, Henricus, A., G.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN GESTEL, Henricus, A., W.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **SCHMITZ, Herman, J., R.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)⁷ **G06T 3/40**
- (11) **WO 2004/090812** (13) A1
- (21) PCT/IB2004/050371
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) en (26) en
- (30) 03100977.2 **10 Apr/avr 2003 EP (10.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SPATIAL IMAGE CONVERSION
- CONVERSION SPATIALE D'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) **DE HAAN, Gerard** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **GROENENDAAL, Antonius, W., M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06T 3/40

(11) WO 2004/090813 (13) A2

(21) PCT/IB2004/050372

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 03100978.0 10 Apr/avr 2003 EP (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SPATIAL IMAGE CONVERSION

• CONVERSION SPATIALE D'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) DE HAAN, Gerard [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06T 7/00

(11) WO 2004/090814 (13) A1

(21) PCT/JP2004/004804

(22) 1 Apr/avr 2004 (01.04.2004)

(25) ja (26) ja

(30) 2003-098812 2 Apr/avr 2003 JP (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • IMAGE PROCESSING METHOD, IMAGE PROCESSOR, PHOTOGRAPHING APPARATUS, IMAGE OUTPUT UNIT AND IRIS VERIFY UNIT

• PROCÉDE DE TRAITEMENT D'IMAGE, PROCESSEUR D'IMAGE, DISPOSITIF PHOTOGRAPHIQUE, UNITE DE SORTIE D'IMAGE, ET UNITE DE VERIFICATION D'IRIS

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi Osaka, 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KONDO, KenjiAZUMA, Takeo

(74) MAEDA, Hiroshi et al. / etc.; Osaka-Marubeni Bldg., 5-7, Hommachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06T 15/70

(11) WO 2004/090815 (13) A1

(21) PCT/IB2004/050381

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 03100952.5 9 Apr/avr 2003 EP (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • GENERATION OF MOTION BLUR

• CREATION D'UN EFFET DE MOUVEMENT

(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) MEINDS, Kornelis [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
STOUT, Jan, M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
VAN OVERVELD, Cornelius, W., A., M.

[NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DE, JONG, Durk, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G07B 15/02

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(21) PCT/FR2004/000793

(22) 29 Mar/mar 2004 (29.03.2004)

(25) fr (26) fr

(30) 03/03984 31 Mar/mar 2003 FR (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SIMPLIFIED INTERFACE FOR DIALOGUE BETWEEN A USER AND AN INTERACTIVE TERMINAL AND INTERACTIVE TERMINAL PROVIDED WITH SAID INTERFACE

• INTERFACE SIMPLIFIEE DE DIALOGUE ENTRE UN UTILISATEUR ET UNE BORNE INTERACTIVE ET BORNE EQUIPEE D'UNE TELLE INTERFACE

(71) PARKEON [FR/FR]; 15, rue de la Vanne, F-92120 Montrouge (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARGUET, Bruno [FR/FR]; 8, rue Romain Roussel, F-25000 Besançon (FR).

(74) LENNE, Laurence; c/o Feray Lenne Conseil, 44/52, rue de la Justice, F-75020 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07D 11/00

(11) WO 2004/090817 (13) A1

(21) PCT/EP2004/003658

(22) 6 Apr/avr 2004 (06.04.2004)

- (25) de (26) de
 (30) 103 16 192.9 **9 Apr/avr 2003** DE
 (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND DEVICE FOR PROCESSING BANKNOTES
 • PROCEDE ET DISPOSITIF POUR LE TRAITEMENT DE BILLETS DE BANQUE
- (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) LINCK, Ralf [DE/DE]; Gardinistrasse 46, 81375 München (DE). STAPFER, Michael [DE/DE]; Quagliostrasse 14, 81543 München (DE). SCHINZEL-REINER, Gerhard [DE/DE]; Loristrasse 9, 80335 München (DE).
- (74) KLUNKER SCHMITT-NILSON HIRSCH; Winzererstrasse 106, 80797 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G07F 7/00
 (11) WO 2004/090819 (13) A2
 (21) PCT/GB2004/001626
 (22) 14 Apr/avr 2004 (14.04.2004)
 (25) en (26) en
 (30) 0308629.5 14 Apr/avr 2003 GB
 (14.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • PAYMENT APPARATUS AND METHOD
 • APPAREIL ET PROCEDE DE PAIEMENT
- (71) TAGBOARD LIMITED [GB/GB]; Suffolk House, Bath Road, Knowl Hill, Reading, Berkshire RG10 9UT (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DAVIES, Christopher, Bernard [GB/GB]; Suffolk House, Bath Road, Knowl Hill, Reading, Berkshire RG10 9UT (GB). YPSILANTI, Emmanuel [GR/GR]; Androutsou 3-5, Zographou, GR- Athens (GR).
- (74) RICKARD, David; IPULSE, 26 Mallinson Road, London SW11 1BP (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G07F
 (11) WO 2004/090818 (13) A2
 (21) PCT/US2004/010359
 (22) 1 Apr/avr 2004 (01.04.2004)
 (25) en (26) en
 (30) 10/406,911 2 Apr/avr 2003 US
 (02.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • CASHLESS TRANSACTION CLEARINGHOUSE
 • CHAMBRE DE COMPENSATION ELECTRONIQUE
- (71) IGT [US/US]; 9295 Prototype Drive, Reno, Nevada 89521 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROWE, Richard, E. [US/US]; 963 Dorcey Drive, Incline Village, Nevada 89451 (US).
- (74) OLYNICK, David, P.; BEYER WEAVER & THOMAS, LLP, P.O. BOX 778, Berkeley, CA 94070 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL
- SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OLSON, Roy [SE/SE]; Hertzgåvågen 18, KRISTINEHAMN, 681 32 (SE).
- (74) KYLIN, Peter et al. / etc.; Hynell Patent-tjänst AB, Patron Carls väg 2, S-683 40 Hagfors/Uddeholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (a)
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- (51)⁷ G07F 7/12, 7/10, 19/00
 (11) WO 2004/090821 (13) A1
 (21) PCT/KR2004/000763
 (22) 1 Apr/avr 2004 (01.04.2004)
 (25) en (26) en
 (30) 10-2003-0021723 7 Apr/avr 2003 KR
 (07.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • CREDIT TRANSACTION SYSTEM AND METHOD USING FINGERPRINT INFORMATION
 • SYSTEME DE TRANSACTION DE CREDIT ET PROCEDE FAISANT APPEL A DES INFORMATIONS D'EMPREINTE DIGITALE
- (71) CECROP CO. LTD. [KR/KR]; Dorip-ri, 39-2, Paeksa-myon, Inchon-si, Gyeonggi-do 467-831 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEE, Ki Deak [KR/KR]; Sannaedle Villa 401, Panpo-dong, Seocho-ku, Seoul 137-040 (KR).
- (74) BAHNG, Hae Cheol et al. / etc.; Kims International Patent & Law Office, 15th Floor Yo Sam Building, 648-23, Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Declaration / Déclaration :
 (u) for / pour US only / seulement
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- (51)⁷ G07F 7/06, B30B 9/32
 (11) WO 2004/090820 (13) A1
 (21) PCT/SE2004/000531
 (22) 6 Apr/avr 2004 (06.04.2004)
 (25) sv (26) en
 (30) 0301036-0 7 Apr/avr 2003 SE
 (07.04.2003)
 (43) 21 Oct/oct 2004 (21.10.2004)
 (54) • HANDLING SYSTEM FOR RECYCLING OF PACKAGES
 • SYSTEME DE MANIPULATION POUR RECYCLAGE D'EMBALLAGES
- (71) MECTRON INNOVATION AKTIEBOLAG [SE/SE]; Lagmansgatan 2C, KRISTINEHAMN, 681 34 (SE).
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- Published / Publiée : (c)
-

(51)⁷ G07F 13/08
(11) WO 2004/090822 (13) A1
(21) PCT/KR2003/001613
(22) 11 Aug/août 2003 (11.08.2003)
(25) en (26) en
(30) 10-2003-0021942 8 Apr/avr 2003 KR
(08.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • A TIMING CONTROLLER FOR A GENERATOR OF WATER DROPS
• UNITE DE COMMANDE TEMPORELLE POUR GENERATEUR DE GOUTTES D'EAU
(71, 72) HAN, Suk Yoon [KR/KR]; 302-602 Jeonwon Maoul, 613, Janggi-dong, Kimpo-si, Kyunggi-do 415-746 (KR).
(74) KIM, Byung Jin et al. / etc.; #101, Cheongwon Bldg., 828-5 Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).
(81) AT AU BR CA CN DE DK GB ID IN JP PL RU SE US.
(84) EP (AT BE DE DK FR GB IT NL SE).

(51)⁷ G07F 17/32
(11) WO 2004/090823 (13) A1
(21) PCT/US2004/010296
(22) 2 Apr/avr 2004 (02.04.2004)
(25) en (26) en
(30) 60/460,629 3 Apr/avr 2003 US
(03.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • SYSTEM FOR IMPLEMENTING A SECONDARY GAME
• SYSTEME DE MISE EN OEUVRE D'UN JEU SECONDAIRE
(71) ACRES GAMING INCORPORATED [—/US]; 7115 Amigo St., Suite 150, Las Vegas, NV 89119 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SCHNEIDER, Richard J [US/US]; 7115 Amigo Street, Suite 150, Las Vegas, NV 89119 (US).
(74) BROOKS, Hillary, A. et al. / etc.; Marger Johnson & McCollom, P.C., 1030 SW Morrison Street, Portland, OR 97205 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G07F 17/32
(11) WO 2004/090824 (13) A1
(21) PCT/US2004/010396
(22) 2 Apr/avr 2004 (02.04.2004)
(25) en (26) en
(30) 10/408,188 3 Apr/avr 2003 US
(03.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • SECURE GAMING SYSTEM
• SYSTEME DE JEU SECURISE
(71) IGT [US/US]; 9295 Prototype Drive, Reno, NV 89511 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) NGUYEN, Binh, T. [US/US]; 13210 West Saddlebow Drive, Reno, NV 89511 (US). GOODMAN, John [US/US]; 1001 S. Meadow Parkway #1225, Reno, NV 89511 (US).
(74) OLYNICK, David, P.; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G07F 19/00
(11) WO 2004/090825 (13) A1
(21) PCT/EP2004/003792
(22) 8 Apr/avr 2004 (08.04.2004)
(25) en (26) en
(30) 0308102.3 8 Apr/avr 2003 GB
(08.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • SYSTEM FOR SECURE TRANSACTIONS
• SYSTEME POUR TRANSACTIONS SECURISEES
(71) SECURE TRANSACTION PROCESSING LIMITED [IE/IE]; Oranbeg, Oranmore, County Galway (IE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MARTYN, Mary, C. [IE/IE]; Oranbeg, Oranmore, County Galway (IE). FEERICK, Mike [IE/IE]; Sunnyhill, Earlsparck, Loughrea, County Galway (IE).
(74) DUNLOP, Hugh, C. et al. / etc.; R G C Jenkins & Co., 26 Caxton Street, London SW1H 0RJ (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08B 3/10, G11C 7/16, G09B 21/00
(11) WO 2004/090826 (13) A1
(21) PCT/SE2004/000533
(22) 6 Apr/avr 2004 (06.04.2004)
(25) en (26) en
(30) 0301091-5 14 Apr/avr 2003 SE
(14.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • MULTIPURPOSE, RE-RECORDABLE AUDIO MESSAGE DELIVERY SYSTEM
• SYSTEME DE PRODUCTION DE MESSAGES AUDIO REENREGISTRABLES, POLYVALENT
(71) LIBEGO AB [SE/SE]; Teknikringen 7, S-583 30 LINKÖPING (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) NIEMINEN, Ari [FI/SE]; Sjöгатan 25, S-591 30 MOTALA (SE). CHRISTIANSEN, Hans Petter [NO/SE]; Byskiftesгатan 17, S-583 34 LINKÖPING (SE). TÖRNQVIST, Tomas [SE/SE]; Slevringevägen 10, S-597 31 ÄTVIDABERG (SE).
(74) STRÖM & GULLIKSSON IP AB; Wallenbergs гата 4, S-583 35 LINKÖPING (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08B 13/14
(11) WO 2004/090827 (13) A1
(21) PCT/CA2004/000515
(22) 5 Apr/avr 2004 (05.04.2004)
(25) en (26) en
(30) 10/407,454 7 Apr/avr 2003 US
(07.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • CONTINUOUS FEEDBACK CONTAINER SECURITY SYSTEM

- SYSTEME DE SECURITE A RETROACTION CONTINUE POUR CONTENEUR

(71) **BULLDOG TECHNOLOGIES INC.** [CA/CA]; 128 - 11180 Coppersmith Place, Richmond, British Columbia V7A 5G8 (CA). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **COCKBURN, John, Malcolm** [CA/CA]; 6440 Nanika Crescent, Richmond, British Columbia V7C 2W5 (CA). **ROSS, Clive, A.** [CA/CA]; 1548 Chartwell Drive, West Vancouver, British Columbia (CA).

(74) **Johnson, Richard, A. et al.** / etc.; Oyen Wiggs Green & Mutala, 480 - The Station, 601 West cordova Street, Vancouver, British Columbia V6B 1G1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/GB2004/001539

(22) 4 Apr/avr 2004 (04.04.2004)

(25) en (26) en

(30) 0308056.1 8 Apr/avr 2003 GB (08.04.2003)

(30) 0314869.9 26 Jun/juin 2003 GB (26.06.2003)

(30) 0316286.4 11 Jul/juil 2003 GB (11.07.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • REMOTE PROTECTION SYSTEM

- SYSTEME DE PROTECTION A DISTANCE

(71) **FARNWAY LIMITED** [GB/GB]; The Old Manor, Pretty Road, Theberton, Leiston, Suffolk IP16 4RY (GB).

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(72, 75) **BEDFORD, Carl** [GB/GB]; Marlbrri, Main Street, Hatfield Woodhouse, Doncaster S4 DN7 6NF (GB). **WHITE, Matthew, James** [GB/GB]; The Post Office, Main Street, Hatfield Woodhouse, Doncaster DN7 6NF (GB).

(74) **LOVEN, Keith, James**; Loven & Co, Quantum House, 30 Tentercroft Street, Lincoln LN5 7DB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW

MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G08B 17/12

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(25) en (26) en

(30) 10/356,154 31 Jan/jan 2003 US (31.01.2003)

(30) 10/600,307 19 Jun/juin 2003 US (19.06.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • APPARATUS AND METHOD FOR DETECTING RADIATION OR RADIATION SHIELDING IN SHIPPING CONTAINERS

- APPAREIL ET PROCEDE POUR LA DETECTION DE RAYONNEMENT OU DE BLINDAGE DE RAYONNEMENT DANS DES CONTENEURS D'EXPEDITION

(71) **VERITAINER CORPORATION** [US/US]; 1127 Pope Street, Suite 201, St. Helena, CA 94574 (US).

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(72) **ALIOTO, John, I.**; 1127 Pope Street, Suite 201, St. Helena, CA 94574 (US). **GREER, Kenneth, L.**; 1127 Pope Street, Suite 201, St. Helena, CA 94574 (US). **ALIOTO, Matthew, T.**; 1127 Pope Street, Suite 201, St. Helena, CA 94574 (US).

(74) **CASCIO, Anthony, T.**; 423 Broadway Avenue, Suite 314, Millbrae, CA 94030-1905 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G08B 21/02, G01S 13/74, 13/93

(11) WO 2004/090830 (13) A1

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(25) en (26) en

(30) 2003/2728 8 Apr/avr 2003 ZA (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COLLISION AVOIDANCE METHOD AND SYSTEM

- PROCEDE ET SYSTEME POUR EVITER DES COLLISIONS

(71) **SCHAUBENBURG FLEXADUX (PTY) LTD** [ZA/ZA]; 145 Tedstone Road, 1407 Wadeville (ZA).

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(72, 75) **LOURENS, Anton** [ZA/ZA]; 1 Fiesta Villa, Kiaat Street, 1540 Delpark (ZA). **TUCKER, Johan, Frederick** [ZA/ZA]; 253 Westlake, 0216 Haartebeespoortdam (ZA). **KONONOV, Valery, Alexandrovich** [ZA/ZA]; 12 Stamperboom Road, 1709 Weltevredenpark (ZA).

(74) **GILSON, David, Grant et al.** / etc.; Spoor & Fisher, PO Box 41312, 2024 Craighall (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NETWORK-BASED REMOTE METER READING SYSTEM

- SYSTEME DE RELEVÉ DE COMPTEUR A DISTANCE PAR L'INTERMEDIAIRE D'UN RESEAU

(71) **CHAOS CO., LTD.** [KR/KR]; 515 BI Center, Jinju National University, 150 Chiram-dong, Jinju city 660-758, Gyeongsangnam-do (KR).

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(72, 75) **HWANG, Eul Jung** [KR/KR]; 811, Daelim Apartment, Okbong-dong, Jinju city, Gyeongsangnam-do 660-200 (KR). **JANG, Sung Ju** [KR/KR]; 606, 209 block, Jugong 2-cha Apartment, Sinan-dong, Jinju city, Gyeongsangnam-do 660-768 (KR). **JEONG, Il Gwon** [KR/KR]; 701, 204 block, Songbo Apartment, Pungjeong-ri, Jeongdong-myeon, Sacheon city, Gyeongsangnam-do 664-932 (KR).

(74) **OH, Seung Keon**; 4F, Dong Joo Bldg., 824-24, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G08C 19/02

(11) WO 2004/090832 (13) A1

(21) PCT/KR2004/000792

(22) 6 Apr/avr 2004 (06.04.2004)

(25) ko (26) en

(30) 10-2003-0021657 7 Apr/avr 2003 KR
(07.04.2003)

(30) 10-2003-0030530 14 May/mai 2003 KR
(14.05.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AUTOMATIC METER READING TER-
MINALS AND SYSTEM USING A RO-
TARY ENCODER

• TERMINAUX A RELEVÉ AUTOMA-
TIQUE DE COMPTEUR ET SYSTEME
UTILISANT UN CODEUR ROTATIF

(71) BLUEMAX COMMUNICATION CO.,
LTD. [KR/KR]; Il-dong Pharmaceutical Co.,
Ltd. Bldg. 4F., Yangjae-dong, Seocho-gu,
Seoul 137-733 (KR).

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les États désignés sauf US)

(72, 75) LEE, Young-Sik [KR/KR]; 219-1506
Jugong Apt. 2-Danji, Sanggye 6-dong,
Nowon-gu, Seoul 139-752 (KR).

(74) GAM, Dong-Hoon et al. / etc.; No.201, New
Seoul Building, 828-8 Yeoksam-dong, Kang-
nam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G08C 19/24, H04B 3/54 // 1/56

(11) WO 2004/090833 (13) A1

(21) PCT/SE2004/000564

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 0301131-9 14 Apr/avr 2003 SE
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COMMON FIELD BUS FOR DATA AND
ENERGY TRANSFER

• BUS DE TERRAIN COMMUN POUR
TRANSFERT DE DONNEES ET
D'ENERGIE

(71) LINNMAN ELECKTONIK AB [SE/SE];
Gottsvägen 13, S-184 92 Akersberga
(SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LINNMAN, Sven [SE/SE]; Gottsun-
dägen 13, S-184 92 Akersberga (SE).

(74) AROS PATENT AB; P.O. Box 1544, S-751
45 Uppsala (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G09B

(11) WO 2004/090834 (13) A2

(21) PCT/US2004/010222

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/459,773 2 Apr/avr 2003 US
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ADAPTIVE ENGINE LOGIC USED
IN TRAINING ACADEMIC PROFI-
CIENCY

• LOGIQUE DE MOTEUR ADAPTATIVE
UTILISEE POUR L'ENTRAINEMENT
DES COMPETENCES ACADEMIQUES

(71) PLANETII USA INC. [US/US]; 560 S.
Winchester Blvd., Suite 305, San Jose, CA
95128 (US).

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les États désignés sauf US)

(72) CHENG, Lewis; San Jose, CA 95126 (US).
KONG, Bella; San Jose, CA 95126 (US).
NG, Jason; San Jose, CA 95126 (US). LEE,
Simon; San Jose, CA 95126 (US). LEVINE,
Joshua; San Jose, CA 95126 (US).

(74) SAMUEL, Richard, I. et al. / etc.; Goodwin
Procter LLP, 103 Eisenhower Parkway, Rose-
land, NJ 07068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G09B

(11) WO 2004/090835 (13) A2

(21) PCT/US2004/009989

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/403,038 1 Apr/avr 2003 US
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHODS FOR COMPUTER-AS-
SISTED ROLE-PLAYING OF LIFE
SKILLS SIMULATIONS

• PROCEDES POUR JEU DE ROLE AS-
SISTE PAR ORDINATEUR DE SIMU-
LATIONS D'HABILETES FONDAMEN-
TALES

(71) THE CHILDREN'S HOSPITAL OF
PHILADELPHIA [US/US]; 34th Street and
Civic Center Boulevard, Philadelphia, PA
19104 (US).

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(72, 75) DONAHER, Joseph, G. [US/US]; 1123
Bryan Street, Drexel Hill, PA 19083 (US).
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Lodges Lane, Bala Cynwyd, PA 19004 (US).

(74) TENER, David, M.; Caesar, Rivise, Bern-
stein, 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁶ G09B 9/02, A63F 9/22, A63B 69/18

(11) WO 2004/090836 (13) A1

(21) PCT/JP1997/003203

(22) 11 Sep/sep 1997 (11.09.1997)

(25) ja (26) ja

(30) 8/262402 11 Sep/sep 1996 JP
(11.09.1996)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OPERATION/INPUT DEVICE FOR
SIMULATOR AND SIMULATOR US-
ING THIS DEVICE

• DISPOSITIF DE MISE EN FONCTION-
NEMENT/D'ENTREE POUR SIMULA-
TEUR ET SIMULATEUR UTILISANT
CE DISPOSITIF

(71, 72) KOYAMA, Junichiro [JP/JP]; c/o
Namco LTD., 8-5, Tamagawa 2-chome.,
Ota-ku, Tokyo 146 (JP). AIKI, Shinichiro
[JP/JP]; c/o Namco LTD., 8-5, Tamagawa
2-chome., Ota-ku, Tokyo 146 (JP).

(74) **INOUE, Hajime et al.** / etc.; 2nd Floor, Ogikubo TM Building, 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167 (JP).

(81) US.

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(51)⁷ **G09B 9/04**

(11) **WO 2004/090837** (13) A1

(21) PCT/EP2004/002444

(22) **10 Mar/mar 2004 (10.03.2004)**

(25) en (26) en

(30) MI2003A000712 **9 Apr/avr 2003** IT (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • INSTALLATION, PROCESS AND DRIVER'S SEAT FOR THE REPRODUCTION OF SPORTING EVENTS

• INSTALLATION, PROCEDE ET SIEGE FIXE DE CONDUCTEUR PERMETTANT LA REPRODUCTION D'EVENEMENTS SPORTIFS

(71, 72) **BUSCEMI, Marco, Maria** [IT/IT]; Via Don Minzoni, 14, I-21013 Gallarate (VA) (IT). **BAROZZI, Fabio, Michele** [IT/IT]; Via Spotti 12, I-21010 Cardano Al Campo (VA) (IT).

(74) **GIAMBROCONO, Alfonso et al.** / etc.; c/o Ing. A. Giambrocono & C. S.r.l., Via Rosolino Pilo, 19/b, I-20129 Milan (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁶ **G09B 9/08, A63F 9/22**

(11) **WO 2004/090838** (13) A1

(21) PCT/JP1997/000442

(22) **19 Feb/fév 1997 (19.02.1997)**

(25) ja (26) ja

(30) 8/56997 **20 Feb/fév 1996** JP (20.02.1996)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SIMULATOR AND INFORMATION STORAGE MEDIUM

• SIMULATEUR ET SUPPORT DE STOCKAGE D'INFORMATIONS

(71, 72) **NAKAJIMA, Nobutaka** [JP/JP]; C-1006, 1-2, Nakagawa, Tsuzuki-ku, Yokohama-shi, Kanagawa 224 (JP).

(74) **FUSE, Yukio et al.** / etc.; 2nd Floor, Ogikubo TM Building, 26-13, Ogikubo 5-chome, Suginami-Ku, Tokyo 167 (JP).

(81) US.

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(51)⁷ **G09B 21/00, B41M 1/12, 7/00, 5/40, C08J 7/04, B65D 5/42, 23/00, 81/36, 33/00, 83/04**

(11) **WO 2004/090839** (13) A1

(21) PCT/IB2003/001389

(22) **9 Apr/avr 2003 (09.04.2003)**

(25) en (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONTAINER COMPRISING A RELIEF-LIKE OUTER SURFACE AND METHOD FOR PRODUCING SUCH A CONTAINER

• CONTENANT COMPORTANT UNE SURFACE EXTERIEURE EN RELIEF ET SON PROCEDE DE FABRICATION

(71) **HOFFMANN NEOPAC AG** [CH/CH]; Eisenbahnstrasse 71, CH-3602 Thun (CH). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALTIERI, Alejandro** [AR/CH]; Beaulieustrasse 49, CH-3012 Bern (CH).

(74) **BLUM & CO.**; c/o SCHALCH, Rainer, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G09C 1/06**

(11) **WO 2004/090840** (13) A1

(21) PCT/KR2004/000847

(22) **13 Apr/avr 2004 (13.04.2004)**

(25) ko (26) en

(30) 10-2003-0023528 **14 Apr/avr 2003** KR (14.04.2003)

(30) 10-2003-0039049 **17 Jun/juin 2003** KR (17.06.2003)

(30) 10-2003-0052939 **31 Jul/juil 2003** KR (31.07.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • INFORMATION INPUTTING SYSTEM WITH A VARIABLE ARRANGEMENT OF KEYPAD, AND CONTROL METHOD THEREOF

• SYSTEME D'ENTREE D'INFORMATIONS COMPORTANT UN AGENCEMENT DE TOUCHES VARIABLE ET PROCEDE DE COMMANDE

(71) **NEXVI CORPORATION** [KR/KR]; 205-704, Kumnamu Apt., 908-1, Doosan-Dong, Se-gu, Daejon-si 302-122 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIM, Jun-Sik** [KR/KR]; 205-704, Kumnamu Apt., 908-1, Doosan-dong, Se-gu, Daejon-si 302-122 (KR). **YIM, Sang-Bin** [KR/KR]; 1066-301, Galma-dong, Se-gu, Daejon-si 302-809 (KR). **KIM, Byung-Sung** [KR/KR]; 160-45, Gayang2-dong, Dong-gu, Daejon-si 300-802 (KR).

(74) **LEE, Ki-Sung**; 3rd Fl., Dongbo Bldg., 647-8, Yoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G09F**

(11) **WO 2004/090841** (13) A2

(21) PCT/EP2004/003674

(22) **6 Apr/avr 2004 (06.04.2004)**

(25) de (26) de

(30) 103 16 771.4 **10 Apr/avr 2003** DE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SECURITY LABEL AND METHOD FOR THE PRODUCTION THEREOF

• ETIQUETTE DE SECURITE ET PROCEDE DE FABRICATION ASSOCIE

(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) **BAUER, Michael** [DE/DE]; Rossfeldweg 9, 82216 Gernlinden (DE). **REINER, Harald** [DE/DE]; Urbanstrasse 16, 81371 München (DE).

(74) **KLUNKER.SCHMITT-NILSON.HIRSCH**; Winzerstrasse 106, 80797 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09F

(11) WO 2004/090842 (13) A2

(21) PCT/ZA2004/000032

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 03/2898 14 Apr/avr 2003 ZA
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A SPORTING ARTICLE DEVICE
• DISPOSITIF POUR ARTICLE DE
SPORT(71, 72) LEVINSOHN, Steven, Mark [ZA/ZA];
204 Hyde Gate, 27 Ruth Road, 2196 Hyde
Park (ZA).(74) LEVINSOHN, Steven, Mark; 204 Hyde
Gate, 27 Ruth Road, 2196 Hyde Park (ZA).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G09F 3/00

(11) WO 2004/090843 (13) A2

(21) PCT/CA2004/000530

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 60/461,238 8 Apr/avr 2003 US
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DUAL SECURITY LABEL
• ETIQUETTE A DOUBLE SECURITE(71) KMA GLOBAL SOLUTIONS INC.
[CA/CA]; 5570 Kennedy Road, Unit A, Mis-
sissauga, Ontario L4Z 2A9 (CA).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) REID, Jeffrey [CA/CA]; 6318 Rama
Road, Box 97, Longford Mills, Ontario L0K
1L0 (CA). WILKES, Laura [CA/CA]; 43
Regan Crescent, Georgetown, Ontario L7G
1B2 (CA).(74) MACRAE & CO.; P.O. Box 806, Station B,
Ottawa, Ontario K1P 5T4 (CA).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ G09F 3/00

(11) WO 2004/090844 (13) A2

(21) PCT/GB2004/001540

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 0308530.5 12 Apr/avr 2003 GB
(12.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SECURITY ARRANGEMENT
• AGENCEMENT DE SECURITE(71) BASTIONE LIMITED [GB/GB]; The Tal-
let, North Road, Timsbury, Bath BA2 0JJ
(GB).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) WHITE, William, Neil [GB/GB]; The
Barn, North Road, Timsbury, Bath BA2 0JJ
(GB). CLOUSTON, David, Brian [GB/GB];
17 St Ronan's Avenue, Duffield, Belper DE56
4HG (GB).(74) LOCK, Howard, John; Swindell & Pear-
son, 48 Friar Gate, Derby DE1 1GY (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ G09F 3/10, 3/08, 3/02, B32B 27/06

(11) WO 2004/090845 (13) A1

(21) PCT/AU2004/000186

(22) 18 Feb/fév 2004 (18.02.2004)

(25) en (26) en

(30) 2003901771 14 Apr/avr 2003 AU
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LABEL FOR WET APPLICATIONS
• ETIQUETTE DESTINEE A DES APPLI-
CATIONS HUMIDES(71) COLLOTYPE SERVICES PTY LTD
[AU/AU]; 381-391 South Road, Mile End
South, South Australia 5031 (AU). AVERY
DENNISON MATERIALS PTY LTD
[AU/AU]; Hewittson Road, Elizabeth West,
South Australia 5113 (AU).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) FRANKHUISEN, John [AU/AU];
381-391 South Road, Mile End South, South
Australia 5031 (AU).(74) COLLISON & CO; 117 King William
Street, Adelaide, S.A. 5000 (AU).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).(51)⁷ G09F 3/20, 7/20

(11) WO 2004/090846 (13) A1

(21) PCT/SE2004/000579

(22) 14 Apr/avr 2004 (14.04.2004)

(25) sv (26) en

(30) 0301114-5 14 Apr/avr 2003 SE
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LABEL HOLDER WITH A COMBINA-
TION SUPPORT
• PORTE-ETIQUETTE(71) HL DISPLAY AB [SE/SE]; Horisontvägen
26, S-128 34 Skarpnäck (SE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) AHLUND, Bengt [SE/SE]; Vaxmoravä-
gen 17, S-192 48 Sollentuna (SE). ERIKS-
SON, Stefan [SE/SE]; Övre Rahlmsvägen
36, S-865 51 Ankarvik (SE). SJÖBERG,
Mårten [SE/SE]; Fredhällsgatan 11, S-112
54 Stockholm (SE).(74) WENNBORG, Johan et al. / etc.; Kransell
& Wennborg AB, Box 27834, S-115 93
Stockholm (SE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ G09F 9/00

(11) WO 2004/090847 (13) A1

(21) PCT/JP2004/004724

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-098902 2 Apr/avr 2003 JP
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DISPLAY

• ECRAN

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006 Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAMURA, Tetsurou [JP/JP] (JP). NAKANO, Takanori [JP/JP] (JP). TATEKAWA, Masaichirou [JP/JP] (JP). SOGAMI, Atsushi [JP/JP] (JP). IKEDA, Kouji [JP/JP] (JP). NISHIMURA, Kazuo [JP/JP] (JP). KONDOU, Masaki [JP/JP] (JP). MASUMOTO, Ken-ichi [JP/JP] (JP). TAKAMINE, Kouichi [JP/JP] (JP).

(74) FUKUI, Toyooki; Uchihonmachi Matsuya Bldg.10th-860, 2-1-19, Uchihonmachi, Chuo-ku, Osaka-shi, Osaka, 5400026 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09F 9/00

(11) WO 2004/090848 (13) A1

(21) PCT/JP2004/004781

(22) 1 Apr/avr 2004 (01.04.2004)

(25) ja (26) ja

(30) 2003-099087 2 Apr/avr 2003 JP (02.04.2003)

(30) 2003-099088 2 Apr/avr 2003 JP (02.04.2003)

(30) 2003-099089 2 Apr/avr 2003 JP (02.04.2003)

(30) 2003-099091 2 Apr/avr 2003 JP (02.04.2003)

(30) 2003-099092 2 Apr/avr 2003 JP (02.04.2003)

(30) 2003-099093 2 Apr/avr 2003 JP (02.04.2003)

(30) 2003-099094 2 Apr/avr 2003 JP (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD OF MANUFACTURING PLASMA DISPLAY DEVICE
• PROCEDE DE FABRICATION D'ECRAN PLASMA

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WATANABE, Hiroshi

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09F 19/22, 19/00

(11) WO 2004/090849 (13) A2

(21) PCT/IB2004/001436

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) 03405237.3 8 Apr/avr 2003 EP (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • IMAGE GENERATING PROCESS
• PROCEDE DE GENERATION D'IMAGES

(71) IDEEUNDETECHNIK [DE/DE]; Anton-Deluis-Strasse 69, 57074 Siegen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHRÖTER, Gerd, Alwin [DE/DE]; Anton-Deluis-Strasse 69, 57074 Siegen (DE).

(74) ROSHARDT, Werner, A. et al. / etc.; Keller & Partner Patentanwälte AG, Schmiedenplatz 5, Postfach, CH-3000 Bern 7 (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09F 23/00, 23/10, 23/06, 23/12

(11) WO 2004/090850 (13) A1

(21) PCT/CZ2003/000076

(22) 22 Dec/déc 2003 (22.12.2003)

(25) en (26) en

(30) PUV 2003-14156 14 Apr/avr 2003 CZ (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ADVERTISING MEDIUM
• SUPPORT PUBLICITAIRE

(71, 72) NEMCOVA, Dana [CZ/CZ]; Prokopova 339, 397 01 Pisek (CZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09G

(11) WO 2004/090851 (13) A2

(21) PCT/FR2004/000828

(22) 1 Apr/avr 2004 (01.04.2004)

(25) fr (26) fr

(30) 03/04126 2 Apr/avr 2003 FR (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HIGHLY READABLE TIME DISPLAY DEVICE
• DISPOSITIF D'AFFICHAGE DU TEMPS DE GRANDE LISIBILITE

(71, 72) BRUGERE, Thierry [FR/FR]; Pont du Canal, F-13122 Ventabren (FR).

(74) RENAUD-GOUD CONSEIL; 5, rue de Montigny, F-13100 Aix-en-provence (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09G 3/00

(11) WO 2004/090852 (13) A1

(21) PCT/EP2004/003277

(22) 27 Mar/mar 2004 (27.03.2004)

(25) de (26) de

(30) 103 16 901.6 12 Apr/avr 2003 DE (12.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONTROL SYSTEM AND CONTROL METHOD FOR CHECKING THE FUNCTION OF LIQUID CRYSTAL DISPLAYS

• SYSTEME DE VERIFICATION ET PROCEDE DE VERIFICATION POUR VERIFIER LE FONCTIONNEMENT D'AFFICHAGES A CRISTAUX LIQUIDES

(71) ROCHE DIAGNOSTICS GMBH [DE/DE]; Sandhofer Strasse 116, 68305 Mannheim (DE).

(only for / seulement pour DE)

(71) **F. HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstr. 124, CH-4070 Basel (CH).

(for all designated States except / pour tous les États désignés sauf DE US)

(72, 75) **RUPPENDER, Uwe** [DE/DE]; Ifflandstrasse 7, 68161 Mannheim (DE). **MILTNER, Karl** [DE/DE]; Ernst-Ludwig-Kirchner Strasse 22, 67227 Frankenthal (DE). **OBERMEIER, Wolfgang** [DE/DE]; Keplerstrasse 19, 69120 Heidelberg (DE). **BAUMANN, Edgar** [DE/DE]; Wachenburgstr. 134, 68219 Mannheim (DE). **HENKEL, Hartmut** [DE/DE]; Lindenstr. 73, 65830 Kriftel (DE).

(74) **PFEIFER, Hans-Peter et al.** / etc.; Beiertheimer Allee 19, 76137 Karlsruhe (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(i) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ G09G 3/30

(11) **WO 2004/090853** (13) A1

(21) PCT/KR2004/000787

(22) **6 Apr/avr 2004 (06.04.2004)**

(25) ko (26) en

(30) 10-2003-0021640 **7 Apr/avr 2003** KR (07.04.2003)

(30) 10-2004-0022553 **1 Apr/avr 2004** KR (01.04.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DISPLAY PANEL

• ECRAN D'AFFICHAGE

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIN, Kyoung-Ju** [KR/KR]; 102-504 Samjeongseonbi maoul, #289-12, Bora-ri, Giheung-eup, Yongin-si, Gyeonggi-do 449-904

(KR). **CHOI, Beohm-Rock** [KR/KR]; 112-508 Samsung Apt., Daechi 1-dong, Gangnam-gu, Seoul 135-968 (KR). **CHAI, Chong-Chul** [KR/KR]; 102-2001 Samsung Apt., Singongdeok-dong, Mapo-gu, Seoul 121-765 (KR). **CHOI, Joon-Hoo** [KR/KR]; 108-303 Samho Apt., Youngcheon-dong, Seodaemun-gu, Seoul 120-768 (KR).

(74) **PARK, Young-Woo**; 5F., Seil Building, #727-13 Yoksam-dong, Gangnam-gu, Seoul 135-921 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09G 3/36

(11) **WO 2004/090854** (13) A1

(21) PCT/IB2004/001047

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) en (26) en

(30) 0308167.6 **9 Apr/avr 2003** GB (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ACTIVE MATRIX ARRAY DEVICE, ELECTRONIC DEVICE AND OPERATING METHOD FOR AN ACTIVE MATRIX ARRAY DEVICE

• DISPOSITIF A RESEAU DE MATRICES ACTIVES, APPAREIL ELECTRONIQUE ET PROCEDURE DE FONCTIONNEMENT POUR DISPOSITIF A RESEAU DE MATRICES ACTIVES

(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) **EDWARDS, Martin, J.** [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). **AYRES, John, R., A.** [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(74) **WILLIAMSON, Paul, L.**; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G09G 3/36

(11) **WO 2004/090855** (13) A2

(21) PCT/IB2004/050347

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 03100910.3 **7 Apr/avr 2003** EP (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(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) **JOHNSON, Mark, T.** [GB/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **ROOSEDAAL, Sander, J.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DESTURA, Galileo, J., A.** [PH/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **RAAP, Adriaan, Y.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (i)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G09G 3/36, 3/34, 3/20, G02F 1/133

(11) WO 2004/090856 (13) A1

(21) PCT/JP2004/004291

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-098488 1 Apr/avr 2003 JP (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DISPLAY DEVICE ADJUSTING METHOD AND DISPLAY DEVICE
• PROCEDE POUR AJUSTER UN DISPOSITIF D'AFFICHAGE ET DISPOSITIF D'AFFICHAGE

(71) HUNET INC. [JP/JP]; 2-20-7, Oji, Kita-ku, Tokyo 1140002 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) OZAKI, Yutaka

(74) WASHIDA, Kimihito; 5th Floor, Shin-toshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 2060034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09G 3/36, 3/34, 5/00, 5/10

(11) WO 2004/090857 (13) A1

(21) PCT/US2004/010091

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/320,070 31 Mar/mar 2003 US (31.03.2003)

(30) 60/320,207 5 May/mai 2003 US (05.05.2003)

(30) 60/481,669 19 Nov/nov 2003 US (19.11.2003)

(30) 60/481,675 20 Nov/nov 2003 US (20.11.2003)

(30) 60/557,094 26 Mar/mar 2004 US (26.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHODS FOR DRIVING BISTABLE ELECTRO-OPTIC DISPLAYS
• PROCEDES DE COMMANDE D'AFFICHEURS ELECTRO-OPTIQUES BISTABLES

(71) E INK CORPORATION [US/US]; 733 Concord Avenue, Cambridge, MA 02138-1002 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AMUNDSON, Karl, R. [US/US]; Apartment No. 21, 91 Trowbridge Street, Cambridge, MA 02138 (US). ZEHNER, Robert, W. [US/US]; 7 Edith Street, Arlington, MA 02474 (US). KNATAN, Ara [US/US]; 90 Cherry Street, Newton, MA 02465 (US). ZION, Benjamin [US/US]; Apartment No. 501, 135 East Nittany Avenue, State College, PA 16801 (US).

(74) COLE, David, John; E Ink Corporation, 733 Concord Avenue, Cambridge, MA 02138-1002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G09G 5/14

(11) WO 2004/090858 (13) A1

(21) PCT/NO2004/000099

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 20031586 8 Apr/avr 2003 NO (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A WINDOWING AND CONTROLLING SYSTEM THEREOF COMPRISING A COMPUTER DEVICE
• PROCEDE DE FENETRAGE ET SYSTEME DE COMMANDE ASSOCIE COMPRENANT UN DISPOSITIF INFORMATIQUE

(71) FAVOURITE SYSTEMS AS [NO/NO]; Malerhaugveien 19-23, N-0661 Oslo (NO).

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(72, 75) GRITZMAN, Michael [NO/NO]; Bolteløkka Allé 2, N-0168 Oslo (NO).

LARSEN, Arve [NO/NO]; Collettsgt. 4a, N-0169 Oslo (NO). LUNDE, Thorstein [NO/NO]; Kolsåstien 6, N-1352 Kolsås (NO).

(74) MIDTTUN, Gisle; Zacco Norway AS, P.O. Box 765 Sentrum, N-0106 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09G 5/36, G06T 13/00, 3/00

(11) WO 2004/090859 (13) A1

(21) PCT/JP2004/004506

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-098015 1 Apr/avr 2003 JP (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DATA SYNTHESIS DEVICE AND DATA SYNTHESIS METHOD
• DISPOSITIF ET PROCEDE DE SYNTHÈSE DE DONNÉES

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NEGISHI, Shinji [JP/JP]; c/o SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). YASUDA, Kazunori [JP/JP]; c/o SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).

(74) SATOH, Takahisa; Sohshin International Patent Office 4-2, Yanagibashi 2-chome, Taito-ku, Tokyo, 1110052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09G 5/377, 5/00, H04N 5/45

(11) WO 2004/090860 (13) A1

(21) PCT/JP2004/004774

- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) ja (26) ja
- (30) 2003-097542 1 Apr/avr 2003 JP
(01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • VIDEO COMBINING CIRCUIT
• CIRCUIT DE COMBINAISON VIDEO
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAWAMURA, Makoto
- (74) HAYASE, Kenichi; HAYASE & CO. Patent Attorneys, 13F, NISSAY SHIN-OSAKA Bldg., 3-4-30, Miyahara, Yodogawa-ku, Osaka-shi, Osaka 5320003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G10D 3/14
- (11) WO 2004/090861 (13) A1
- (21) PCT/JP2003/004192
- (22) 1 Apr/avr 2003 (01.04.2003)
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • KNOB, AND STRINGED INSTRUMENT TUNING DEVICE USING THE SAME
• CHEVILLE, ET DISPOSITIF D'ACCORDAGE D'INSTRUMENT A CORDES L'UTILISANT
- (71) GOTOH GUT CO., LTD. [JP/JP]; 3040, Miyako-cho, Isesaki-shi, Gunma 372-0801 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GOTO, Takao [JP/JP]; 663-1, Niratsuka-cho, Isesaki-shi, Gunma 372-0813 (JP).
- (74) SUENARI, Mikio; Asaco Kyobashi Building 3rd floor, 6-13, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G10H 1/00, 1/46
- (11) WO 2004/090862 (13) A1
- (21) PCT/EP2004/001765
- (22) 23 Feb/fév 2004 (23.02.2004)
- (25) en (26) en
- (30) 03008182.2 8 Apr/avr 2003 EP
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OPTIMISATION OF MIDI FILE REPRODUCTION
• OPTIMISATION DE REPRODUCTION DE FICHER MIDI
- (71) SONY ERICSSON MOBILE COMMUNICATIONS AB [SE/SE]; Nya Vattentornet, S-221 88 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LECHNER, Thomas [DE/DE]; Schlehening 115, 85551 Kirchheim (DE).
- (74) KÖRBER, Martin; Mitscherlich & Partner, Sonnenstrasse 33, Postfach 33 06 09, 80066 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G10K
- (11) WO 2004/090863 (13) A2
- (21) PCT/US2004/010245
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/460,508 4 Apr/avr 2003 US
(04.04.2003)
- (30) 60/461,199 8 Apr/avr 2003 US
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ELECTRONIC ACOUSTIC MUSIC ENGINE
• MOTEUR ELECTRONIQUE SERVANT A PRODUIRE UNE MUSIQUE ACOUSTIQUE
- (71) M.H. SEGAN LIMITED PARTNERSHIP [US/US]; 126 West Avenue, Great Barrington, MA 02130 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) SEGAN, Marc, Howard; 192 Park Avenue, New York, NY 10128 (US). STRAUSS, Gary; 222 Union Avenue, Mamaroneck, NY

- 10543 (US). FERNEKES, Leo; 632 East 11th Street, New York, NY 10009 (US).
- (74) WEISZ, Edward, M.; Cohen, Pontani, Lieberman & Pavane, Suite 1210, 551 Fifth Avenue, New York, NY 10176 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G10L
- (11) WO 2004/090864 (13) A2
- (21) PCT/IN2004/000060
- (22) 12 Mar/mar 2004 (12.03.2004)
- (25) en (26) en
- (30) 273/MUM/2003 12 Mar/mar 2003 IN
(12.03.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND APPARATUS FOR THE ENCODING AND DECODING OF SPEECH
• PROCEDE ET APPAREIL DE CODAGE ET DE DECODAGE DE DONNEES VOCALES
- (71) THE INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY [IN/IN]; Poway, Mumbai 400 076, Maharashtra (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RAO, Preeti [IN/IN]; C-129, IITB Campus, Powai, Mumbai 400 076, Maharashtra (IN).
- (74) GANGULI, Prabuddha; Vision - IPR, 103B Senate, Lokhandwala Township, Akurli Road, Kandivali (E), Mumbai 400 101 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN

TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ G10L

(11) WO 2004/090865 (13) A2

(21) PCT/US2004/010119

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/403,792 31 Mar/mar 2003 US
(31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM AND METHOD FOR COM-
BINED FREQUENCY-DOMAIN AND
TIME-DOMAIN PITCH EXTRACTION
FOR SPEECH SIGNALS

• SYSTEME ET PROCEDE
D'EXTRACTION DE FREQUENCE
FONDAMENTALE COMBINANT
LES DOMAINES FREQUENTIEL ET
TEMPOREL POUR DES SIGNAUX
VOCAUX

(71) MOTOROLA, INC. [US/US]; 1303 E.
Algonquin Road, Schaumburg, IL 60196
(US). INTERNATIONAL BUSINESS MA-
CHINES CORPORATION [US/US]; New
Orchard Road, Armonk, NJ 10504 (US).
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les États désignés sauf US)

(72, 75) RAMABADRAN, Tenkasi, V. [US/US];
1852 Ranch View Drive, Naperville, IL 60565
(US). SORIN, Alexander [IL/IL]; Shoham
Street 39, 34679 Haifa (IL).

(74) GUTMAN, Jose; Fleit, Kain, Gibbons,
Gutman, Bongini & Bianco P.L., One Boca
Commerce Center, 551 N.w. 77th Street,
Suite 111, Boca Raton, FL 33487 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G10L

(11) WO 2004/090866 (13) A2

(21) PCT/US2004/009929

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/401,572 31 Mar/mar 2003 US
(31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PHONETICALLY BASED SPEECH
RECOGNITION SYSTEM AND
METHOD

• SYSTEME ET PROCEDE DE RECON-
NAISSANCE VOCALE FONDES SUR
LA PHONETIQUE

(71) AURILAB, LLC [US/US]; 958 Versailles
Circle, Maitland, FL 32751 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HUNT, Melvyn, J. [GB/GB]; 8 Dewey
Close, Woodmancote, Cheltenham, Glouces-
tershire GL52 9UF (GB).

(74) ASHBY, David, C.; IPSG, P.C., 10121
Miller Avenue, Suite 201, Cupertino, CA
95014 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G10L 15/02, 15/22, G06T 1/00, 7/00, 7/20

(11) WO 2004/090867 (13) A1

(21) PCT/JP2004/005155

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ja (26) ja

(30) 2003-105649 9 Apr/avr 2003 JP
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CHANGE INFORMATION RECOGN-
ITION DEVICE AND CHANGE INFOR-
MATION RECOGNITION METHOD

• DISPOSITIF DE RECONNAISSANCE
D'INFORMATIONS DE MODIFICA-
TION ET PROCEDE POUR RECON-
NAITRE DES INFORMATIONS DE
MODIFICATION

(71) TOYOTA JIDOSHA KABUSHIKI
KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi,
Aichi 471-8571 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FUNAYAMA, Ryuji [JP/JP]; c/o TOY-
OTA JIDOSHA KABUSHIKI KAISHA, 1,
Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).

(74) HASEGAWA, Yoshiki et al. / etc.; SOEI
PATENT AND LAW FIRM, Ginza First
Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo
104-0061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G10L 19/00

(11) WO 2004/090868 (13) A1

(21) PCT/IB2004/050369

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 03100945.9 8 Apr/avr 2003 EP
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • UPDATING OF A BURIED DATA
CHANNEL

• ACTUALISATION D'UN CANAL DE
DONNEES ENTERRE

(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) OOMEN, Arnoldus, W., J. [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eind-
hoven (NL).

(74) SCHMITZ, Herman, J., R.; Prof. Holstlaan
6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ G10L 19/00, 19/04, 19/14

(11) WO 2004/090869 (13) A1

(21) PCT/JP2004/004605

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-104454 8 Apr/avr 2003 JP
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CODE CONVERSION METHOD AND DEVICE

• PROCEDE ET DISPOSITIF DE CONVERSION DE CODE

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MURASHIMA, Atsushi [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).

(74) MIYAZAKI, Teruo et al. / etc.; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo, 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G10L 19/12

(11) WO 2004/090870 (13) A1

(21) PCT/JP2004/004913

(22) 5 Apr/avr 2004 (05.04.2004)

(25) ja (26) ja

(30) 2003-101422 4 Apr/avr 2003 JP (04.04.2003)

(30) 2004-071740 12 Mar/mar 2004 JP (12.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND APPARATUS FOR ENCODING OR DECODING WIDE-BAND AUDIO

• PROCEDE ET DISPOSITIF POUR LE CODAGE OU LE DECODAGE DE SIGNAUX AUDIO LARGE BANDE

(71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 1058001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MISEKI, Kimio [JP/JP]

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 1000013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B

(11) WO 2004/090871 (13) A2

(21) PCT/US2004/010233

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/406,821 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COMBINATION COMPACT DISC RECORDER AND PLAYER SYSTEM

• SYSTEME D'ENREGISTREUR ET LECTEUR DE DISQUES COMPACTS COMBINE

(71) GIBSON GUITAR CORP. [US/US]; 309 Plus Park Boulevard, Nashville, TN 37217 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JUSZKIEWICZ, Henry, E. [US/US]; 309 Plus Park Boulevard, Nashville, TN 37217 (US).

(74) SHOUSE, Emily, A.; Waddey & Patterson, Bank of America Plaza, 414 Union Street, Suite 2020, Nashville, TN 37219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B

(11) WO 2004/090872 (13) A2

(21) PCT/US2004/010502

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,229 3 Apr/avr 2003 US (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND SYSTEM FOR CONTROLLING A ROBOTIC ARM IN A STORAGE DEVICE

• PROCEDE ET SYSTEME DE COMMANDE D'UN BRAS ROBOTIQUE DANS UN DISPOSITIF DE STOCKAGE

(71) COMMVAULT SYSTEMS, INC. [US/US]; Two Crescent Place, Oceanport, NJ 07757-0090 (US).

(72) KOTTOMTHARAYIL, Rajiv; 1508 Garden Drive, Apt. 2, Ocean, NJ 07712 (US).
CHEN, Ho-Chi; 3 Dorral Drive, Marlboro, NJ 07746 (US).

(74) WOODS, James, J.; Brown Raysman Millstein Felder & Steiner LLP, 900 Third Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 5/66

(11) WO 2004/090873 (13) A1

(21) PCT/JP2004/004959

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 2003-103367 7 Apr/avr 2003 JP (07.04.2003)

(30) 60/461,802 11 Apr/avr 2003 US (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MAGNETIC RECORDING MEDIUM, PRODUCTION PROCESS THEREFOR, AND MAGNETIC RECORDING AND REPRODUCING APPARATUS

• SUPPORT D'ENREGISTREMENT MAGNETIQUE, SON PROCEDE DE PRODUCTION ET APPAREIL D'ENREGISTREMENT ET DE REPRODUCTION MAGNETIQUE

(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) OSAWA, Hiroshi [JP/JP]; c/o Showa Denko HD K.K., 5-1, Yamata Kaigan dori, Ichihara-shi, Chiba 290-0067 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 5/66, 5/851

(11) WO 2004/090874 (13) A1

(21) PCT/JP2004/004994

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 2003-103454 7 Apr/avr 2003 JP (07.04.2003)

- (30) 60/462,298 **14 Apr/avr 2003** US
(14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MAGNETIC RECORDING MEDIUM, METHOD FOR PRODUCING THEREOF, AND MAGNETIC RECORDING AND REPRODUCING APPARATUS.
• SUPPORT D'ENREGISTREMENT MAGNETIQUE, SON PROCEDE DE PRODUCTION, ET APPAREIL D'ENREGISTREMENT ET DE REPRODUCTION MAGNETIQUE
- (71) SHOWA DENKO K. K. [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP). 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) SAKAWAKI, Akira [JP/JP]; c/o Showa Denko HD K. K., 5-1, Yawata Kaigan-dori, Ichihara-shi, Chiba 290-0067 (JP). SHIMIZU, Kenji [JP/JP]; c/o Showa Denko HD K. K., 5-1, Yawata Kaigan-dori, Ichihara-shi, Chiba 290-0067 (JP). KOBAYASHI, Kazuo [JP/JP]; c/o Showa Denko K.K. Oyama Plant, 1-480, Inuzuka, Oyama-shi, Tochigi 323-8678 (JP). SAKAI, Hiroshi [JP/JP]; c/o Showa Denko HD K. K., 5-1, Yawata Kaigan-dori, Ichihara-shi, Chiba 290-0067 (JP). OIKAWA, Soichi [JP/JP]; c/o Toshiba Corporation, Corporate Research & Development Center, 1, Komukai Toshiba-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 212-8582 (JP). IWASAKI, Takeshi [JP/JP]; c/o Toshiba Corporation, Corporate Research & Development Center, 1, Komukai Toshiba-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 212-8582 (JP). MAEDA, Tomoyuki [JP/JP]; c/o Toshiba Corporation, Corporate Research & Development Center, 1, Komukai Toshiba-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 212-8582 (JP). NAKAMURA, Futoshi [JP/JP]; c/o Toshiba Corporation, Corporate Research & Development Center, 1, Komukai Toshiba-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 212-8582 (JP).
- (74) FUKUDA, Kenzo; Kashiwaya Bldg., 6-13, Nishihinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G11B 5/86, 5/82
- (11) WO 2004/090875 (13) A1
- (21) PCT/JP2003/004188
- (22) 1 Apr/avr 2003 (01.04.2003)
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR TRANSFERRING MAGNETIC PATTERN TRANSFER
• PROCEDE DE TRANSFERT DE MOTIF MAGNETIQUE DE TRANSFERT
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAKAMURA, Yutaka [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). KOMORIYA, Hitoshi [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SUZUKI, Hiroyuki [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). HIRAHARA, Takao [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). EJIRI, Arata [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).
- (81) JP US.
-
- (51)⁷ G11B 7/0045, 7/125
- (11) WO 2004/090876 (13) A1
- (21) PCT/JP2004/004224
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) ja (26) ja
- (30) 2003-101248 **4 Apr/avr 2003** JP
(04.04.2003)
- (30) 2003-279108 **24 Jul/juil 2003** JP
(24.07.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • RECORDING MEDIUM DATA RECORDING METHOD AND DEVICE
• SUPPORT D'ENREGISTREMENT, PROCEDE ET DISPOSITIF D'ENREGISTREMENT
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma Kadoma-shi Osaka, 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAKAMURA, Atsushi, FURUMIYA, Shigeru,
- (74) OKUDA, Seiji; OKUDA & ASSOCIATES 2nd Floor, Kataoka Bldg. 3-6, Uchiawajimachi 1-chome Chuo-ku, Osaka-shi Osaka, 5400038 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 7/005, 20/10, 20/18
- (11) WO 2004/090877 (13) A1
- (21) PCT/JP2004/004821
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) ja (26) ja
- (30) 2003-099714 **2 Apr/avr 2003** JP
(02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR DETECTING PREPIT AND OPTICAL DISC DRIVE EMPLOYING IT
• PROCEDE DE DETECTION DE PRE-DEPRESSION ET LECTEUR DE DISQUE OPTIQUE UTILISANT CE PROCEDE
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MINO, Kouichi, HIRAKI, Tatsushi, INOKUCHI, Chikashi, SAKON, Hideo
- (74) HAYASE, Kenichi; HAYASE & CO. Patent Attorneys, 13F, NISSAY SHIN-OSAKA Bldg., 3-4-30, Miyahara, Yodogawa-ku, Osaka-shi, Osaka, 5320003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 7/09, 7/135
- (11) WO 2004/090878 (13) A1
- (21) PCT/JP2004/003984
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) ja (26) ja
- (30) 2003-100742 **3 Apr/avr 2003** JP
(03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OPTICAL PICKUP
• SONDE OPTIQUE
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 5458522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WATANABE, Yukio, UEYAMA, Tetsuo
- (74) HARA, Kenzo et al. / etc.; HARAKENZO WORLD PATENT & TRADEMARK PATENT LAW FIRM, Daiwa Minamimori-machi Building, 2-6, Tenjinbashi 2-chome

- Kita, Kita-ku, Osaka-shi, Osaka 5300041 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 7/09
- (11) WO 2004/090879 (13) A1
- (21) PCT/JP2004/004975
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) ja (26) ja
- (30) 2003-105223 9 Apr/avr 2003 JP (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OPTICAL PICKUP DEVICE AND OPTICAL DISK DEVICE
- DISPOSITIF CAPTEUR OPTIQUE ET DISPOSITIF A DISQUE OPTIQUE
- (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) MATSUMIYA, HiroakiNISHIWAKI, SeijiMOMOO, Kazuo
- (74) OKUDA, Seiji; OKUDA & ASSOCIATES, 2nd Floor, Kataoka Bldg., 3-6, Uchiawajimachi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0038 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 7/125
- (11) WO 2004/090881 (13) A2
- (21) PCT/IB2004/050396
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 03100998.8 14 Apr/avr 2003 EP (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OPTICAL SCANNING DEVICE
- DISPOSITIF DE LECTURE OPTIQUE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHLEIPEN, Johannes, J., H., B. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) VISSER, Derk; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 7/09
- (11) WO 2004/090880 (13) A1
- (21) PCT/JP2004/005174
- (22) 9 Apr/avr 2004 (09.04.2004)
- (25) ja (26) ja
- (30) 2003-107029 10 Apr/avr 2003 JP (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OBJECT LENS DRIVE DEVICE, OPTICAL PICKUP DEVICE, AND DISK DRIVE DEVICE
- DISPOSITIF DE COMMANDE D'OBJECTIF, DISPOSITIF DE SAISIE OPTIQUE, ET LECTEUR DE DISQUE
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MIYAGI, Takahiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KOSHIMIZU, Yukihiko [JP/JP]; c/o TOTOKU ELECTRIC CO., LTD., 1778, Kamimaruko, Maruko-machi, Chiisagata-gun, Nagano 386-0404 (JP). SAKA, Kenji [JP/JP]; c/o TOTOKU ELECTRIC CO., LTD., 1778, Kamimaruko, Maruko-machi, Chiisagata-gun, Nagano 386-0404 (JP).
- (74) YAMAGUCHI, Kunio et al. / etc.; 5th Floor, Hirayama Building, 15-2, Uchikanda 1-chome, Chiyoda-ku, Tokyo 101-0047 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 7/24
- (11) WO 2004/090882 (13) A1
- (21) PCT/JP2004/004778
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) ja (26) ja
- (30) 2003-101160 4 Apr/avr 2003 JP (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OPTICAL RECORDING MEDIUM AND PROCESS FOR PRODUCING THE SAME
- SUPPORT D'ENREGISTREMENT OPTIQUE ET PROCEDE DE PRODUCTION CORRESPONDANT
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TOMIYAMA, MorioABE, ShinyaKAWAGUCHI, YuukoOHNO, Eiji
- (74) KAWAMIYA, Osamu et al. / etc.; AOYAMA & PARTNERS IMP Building, 3-7, Shiromi 1-chome, Chuo-ku Osaka-shi, Osaka 5400001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 11/105
- (11) WO 2004/090883 (13) A1
- (21) PCT/JP2003/004191

- (22) 1 Apr/avr 2003 (01.04.2003)
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MAGNETOOPTIC RECORDING MEDIUM
• SUPPORT D'ENREGISTREMENT MAGNETO-OPTIQUE
- (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) KAMIMURA, Takuya [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). TANAKA, Tsutomu [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). TAMANOI, Ken [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SHONO, Keiji [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) YOSHIDA, Minoru et al. / etc.; 2-32-1301, Tamatsukuri-motomachi, Tennoji-ku, Osaka-shi, Osaka 543-0014 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 17/22, 20/10, 20/12, 27/10, 19/12, 7/095, 25/04, 23/30, 33/12, G06F 3/06
- (11) WO 2004/090884 (13) A1
- (21) PCT/JP2003/004218
- (22) 2 Apr/avr 2003 (02.04.2003)
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OPTICAL INFORMATION STORAGE DEVICE AND OPTICAL INFORMATION STORAGE SYSTEM
• DISPOSITIF DE STOCKAGE D'INFORMATION OPTIQUE ET SYSTEME DE STOCKAGE D'INFORMATION OPTIQUE
- (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) MATSUURA, Michio [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) YAMADA, Masaki et al. / etc.; KOSUGI & YAMADA, Pelican Building 4th Floor, 3-3, Nishi-shimbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 19/02
- (11) WO 2004/090885 (13) A1
- (21) PCT/KR2004/000814
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 10-2003-0022390 9 Apr/avr 2003 KR (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • RECORDING MEDIUM HAVING A DATA STRUCTURE FOR MANAGING REPRODUCTION OF TEXT SUBTITLE DATA AND METHODS AND APPARATUSES OF RECORDING AND REPRODUCING
• SUPPORT D'ENREGISTREMENT A STRUCTURE DE DONNEES DESTINEE A GERER LE REPRODUCTION DE DONNEES DE SOUS-TITRES TEXTES ET PROCEDES ET APPAREILS D'ENREGISTREMENT ET DE REPRODUCTION
- (71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, 150-010 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIM, Byung Jin [KR/KR]; 111-204, Hansol Chungu APT., 110, Jeongja-dong, Bundang-gu, 463-010 Sungnam, Kyunggi-do, (KR). SEO, Kang Soo [KR/KR]; 606-503, Chowon Hanyang Apt., 897-5, Pyoungan-dong, Dongan-gu, Anyang, Kyunggi-do, 431-075 (KR). KIM, Hyung Sun [KR/KR]; 286-266, Huigung 2-dong, Dongdaemoon-gu, 130-878 Seoul (KR).
- (74) PARK, Lae Bong; 1Fl., Dongun Bldg., 413-4, Dogok 2-dong, Gangnam-gu, Seoul 135-272 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 20/00, G10L 19/00, H04N 7/00, 1/32, G11B 20/10
- (11) WO 2004/090886 (13) A1
- (21) PCT/IB2004/050367
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 03100946.7 8 Apr/avr 2003 EP (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FRAGILE AUDIO WATERMARK RELATED TO A BURIED DATA CHANNEL
• FILIGRANE DIT FRAGILE ASSOCIE A UN CANAL DE DONNEES ENTERRE
- (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 DE KERKHOF, Leon, M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). OOMEN, Arnoldus, W., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) SCHMITZ, Herman, J., R.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW*
- (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*
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- (51)⁷ G11B 20/10, 27/00, H04N 5/92
- (11) WO 2004/090887 (13) A1
- (21) PCT/JP2004/004877
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) ja (26) ja

(30) 2003-101119 4 Apr/avr 2003 JP
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • RECORDING CONTROL DEVICE AND METHOD, PROGRAM, AND RECORDING MEDIUM

• DISPOSITIF ET PROCÉDE DE COMMANDE D'ENREGISTREMENT, PROGRAMME, ET SUPPORT D'ENREGISTREMENT

(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) SHINKAI, Mitsutoshi [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). MURAKAMI, Hirofumi [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) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 20/12, 27/32

(11) WO 2004/090888 (13) A1

(21) PCT/IB2004/050392

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 03101007.7 14 Apr/avr 2003 EP
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ALLOCATION CLASS SELECTION FOR FILE STORAGE

• CHOIX DE CLASSES D'AFFECTATION POUR LE STOCKAGE DE FICHIERS

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FONTIJN, Wilhelmus, F., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) UITTENBOGAARD, Frank; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G11B 20/12, G06F 17/30, 3/06, G11B 27/00

(11) WO 2004/090889 (13) A1

(21) PCT/IB2004/050398

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 03101006.9 14 Apr/avr 2003 EP
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FORMAT MAPPING SCHEME FOR UNIVERSAL DRIVE SCHEME

• SCHEMA DE MISE EN CORRESPONDANCE DE FORMATS POUR UN DISPOSITIF UNIVERSEL DE LECTURE

(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) KELLY, Declan, P. [IE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). FONTIJN, Wilhelmus, F., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN GESTEL, Wilhelmus, J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) UITTENBOGAARD, Frank; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G11B 20/12, 27/32

(11) WO 2004/090890 (13) A1

(21) PCT/IB2004/050409

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 03076087.0 14 Apr/avr 2003 EP
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE FOR AND METHOD OF RECORDING INFORMATION

• DISPOSITIF ET PROCÉDE D'ENREGISTREMENT D'INFORMATIONS

(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) NIJBOER, Jakob, G. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). IJTSMA, Pope [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) UITTENBOGAARD, Frank; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 20/12, 27/00, H04N 5/91

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(25) ja (26) ja

- (30) 2003-100357 **3 Apr/avr 2003** JP
(03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • RECORDING DEVICE AND METHOD
• DISPOSITIF ET PROCEDE
D'ENREGISTREMENT
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHINKAI, Mitsutoshi [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). ANDO, Hideki [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). HENMI, Fumiaki [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). MURAKAMI, Hirofumi [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). HYODO, Kenji [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).
- (74) SUGIURA, Masatomo et al. / etc.; 7th Floor, Ikebukuro Park Bldg., 49-7, Minami Ikebukuro 2-chome, Toshima-ku, Tokyo, 1710022 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G11B 20/22, 7/005
- (11) WO 2004/090892 (13) A1
- (21) PCT/IB2004/000938
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) en (26) en
- (30) 03290864.2 **7 Apr/avr 2003** EP
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CROSS-TALK CANCELLATION SCHEME FOR RLL-BASED STORAGE SYSTEMS
• ANNULATION DE DIAPHONIE DANS DES SYSTEMES DE STOCKAGE FONDES SUR LE CODAGE RLL
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, 5621 BA Eindhoven (NL).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PADIY, Alexander [NL/FR]; Société Civile SPID, 156 Boulevard Haussmann, 75008 Paris (FR). YIN, Bin [CN/FR]; Société Civile SPID, 156 Boulevard Haussmann, 75008 Paris (FR).
- (74) GATEPIN, Philippe; Société Civile SPID, 156 Boulevard Haussmann, 75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (51)⁷ G11B 21/00
- (11) WO 2004/090893 (13) A1
- (21) PCT/CN2003/000256
- (22) 11 Apr/avr 2003 (11.04.2003)
- (25) en (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SYSTEM AND METHOD FOR IMPROVING HARD DRIVE ACTUATOR LEAD ATTACHMENT
• SYSTEME ET PROCEDE POUR L'AMELIORATION DE LA FIXATION DE CONDUCTEUR D'ACTIONNEUR D'UNITE DE DISQUE DUR
- (71) SAE MAGNETICS (H.K.) LTD. [CN/CN]; SAE Tower, 38-42 Kwai Fung Crescent, Kwai Chung N.T., Hong Kong (CN).
- (72) HO, Yiusing; Flat B, 12/F, Block 1, Bayshore Towers, Ma On Shan, Shatin, N.T., Hong Kong (CN). LU, Hongguo; Winnerway Industrial Area, Nancheng, Dongguan_City 511700, Guangdong Province (CN). CHEN, Canhua; Winnerway Industrial Area, Nancheng, Dongguan_City 511700, Guangdong Province (CN). LUO, Yuanneng; Winnerway Industrial Area, Nancheng, Dongguan_City 511700, Guangdong Province (CN). WANG, Jeffery, L.; House No. 34, 18th Street, Hong Lok Yuen, Tai Po, N.T., Hong Kong (CN). ZHANG, Lijun; Winnerway Industrial Area, Nancheng, Guangdong Province (CN).
- Dongguan City 511700, Guangdong Province (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 23/03
- (11) WO 2004/090894 (13) A1
- (21) PCT/JP2004/004970
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 2003-105277 **9 Apr/avr 2003** JP
(09.04.2003)
- (30) 2003-433372 **26 Dec/déc 2003** JP
(26.12.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DISC CARTRIDGE
• CARTOUCHE DE DISQUE
- (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) TAKIZAWA, TeruyukiSAJI, YoshitoOKAZAWA, HironoriNAKATA, Kuniko
- (74) OKUDA, Seiji; OKUDA & ASSOCIATES 2nd Floor, Kataoka Bldg., 3-6, Uchiawajimachi 1-chome, Chuo-ku, Osaka-shi, Osaka, Osaka 540-0038 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G11B 23/38, B43L 13/00
- (11) WO 2004/090895 (13) A1
- (21) PCT/EP2004/002334
- (22) 8 Mar/mar 2004 (08.03.2004)
- (25) de (26) de
- (30) 0641/03 **8 Apr/avr 2003** CH
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DEVICE FOR LABELING CIRCULAR DATA CARRIER, ESPECIALLY COMPACT DISCS
• DISPOSITIF POUR MARQUER DES SUPPORTS DE DONNEES SOUS FORME DE DISQUES, EN PARTICULIER DES DISQUES COMPACTS
- (71, 72) DUCRET, Stephan [CH/CH]; Aeschertelweg 5, 5610 Wohlen (CH).

- (74) WENGER, René 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 27/00, 27/10, 20/12, G06F 12/00
- (11) WO 2004/090896 (13) A1
- (21) PCT/JP2004/004837
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) ja (26) ja
- (30) 2003-102158 4 Apr/avr 2003 JP (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DATA PROCESSING METHOD, DEVICE THEREOF, AND PROGRAM
- PROCEDE DE TRAITEMENT DE DONNEES, DISPOSITIF A CET EFFET ET PROGRAMME
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SHIBATA, Yoshiaki [JP/JP]; c/o SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). SHINKAI, Mitsutoshi [JP/JP]; c/o SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).
- (74) SATOH, Takahisa; Sohshin International Patent Office, 4-2, Yanagibashi 2-chome, Taito-ku, Tokyo 1110052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 27/02, 27/00, H04N 5/91
- (11) WO 2004/090897 (13) A1
- (21) PCT/JP2004/004867
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) ja (26) ja
- (30) 2003-102204 4 Apr/avr 2003 JP (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • VIDEO EDITOR AND EDITING METHOD, RECORDING MEDIUM, AND PROGRAM
- EDITEUR VIDEO ET PROCEDE D'EDITION, SUPPORT D'ENREGISTREMENT ET PROGRAMME
- (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) ABE, Fumiyoshi [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SHINKAI, Mitsutoshi [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). MORIYA, Takuji [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KIMURA, Ken [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). JOBO, Kiri [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) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 27/034, 27/34, 27/28
- (11) WO 2004/090898 (13) A1
- (21) PCT/GB2004/001354
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 0307884.7 7 Apr/avr 2003 GB (07.04.2003)
- (30) 0326796.0 18 Nov/nov 2003 GB (18.11.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COMPUTER BASED SYSTEM FOR SELECTING DIGITAL MEDIA FRAMES
- SYSTEME INFORMATIQUE POUR SELECTIONNER DES TRAMES DE SUPPORT NUMERIQUE
- (71) INTERNET PRO VIDEO LIMITED [GB/GB]; Mount Pleasant House, 2 Mount Pleasant, Huntingdon Road, Cambridge CB3 0RN (GB).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KING, Tony, Richard [GB/GB]; 28 Marlowe Road, Newnham, Cambridge CB3 9JW (GB).
- (74) ORIGIN LIMITED; 52 Muswell Hill Road, London N10 3JR (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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, 27/34, 27/28
- (11) WO 2004/090900 (13) A1
- (21) PCT/GB2004/000305
- (22) 27 Jan/jan 2004 (27.01.2004)

- (25) en (26) en
- (30) 0307884.7 **7 Apr/avr 2003** GB
(07.04.2003)
- (30) 0326791.1 **18 Nov/nov 2003** GB
(18.11.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD OF ENABLING AN APPLICATION PROGRAM RUNNING ON AN ELECTRONIC DEVICE TO PROVIDE MEDIA MANIPULATION CAPABILITIES
- PROCEDE POUR PERMETTRE A UN PROGRAMME D'APPLICATION TOURNANT SUR UN DISPOSITIF ELECTRONIQUE D'ASSURER DES FONCTIONS DE MANIPULATION MULTIMEDIA
- (71) INTERNET PRO VIDEO LIMITED [GB/GB]; Mount Pleasant House, 2 Mount Pleasant, Huntingdon Road, Cambridge CB3 0RN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COLE, David, John [GB/GB]; 13 Waterbeach Road, Landbeach, Cambridge CB4 4EA (GB).
- (74) ORIGIN LIMITED; 52 Muswell Hill Road, London N10 3JR (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G11B 27/034, H04N 5/91
- (11) WO 2004/090901 (13) A1
- (21) PCT/JP2004/004683
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) ja (26) ja
- (30) 2003-102168 **4 Apr/avr 2003** JP
(04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • EDITION DEVICE
- SYSTEME DE MISE EN FORME
- (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) NISHIDA, Ryusuke [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TSUCHIYA, Kazuhisa [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) TANABE, Shigemoto; Tokiwa Building 5th Floor, 6-4, Osaki 3-chome, Shinagawa-ku, Tokyo 141-0032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 27/10, H04N 5/76
- (11) WO 2004/090903 (13) A1
- (21) PCT/IB2004/001000
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) en (26) en
- (30) 0308054.6 **8 Apr/avr 2003** GB
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A METHOD OF POSITION STAMPING A PHOTO OR VIDEO CLIP TAKEN WITH A DIGITAL CAMERA
- PROCEDE D'INSCRIPTION DE DONNEES DE POSITION SUR UNE PHOTO OU UN SEGMENT VIDEO CAPTURES AVEC UN APPAREIL PHOTO 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) YULE, Andrew, T. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). MARSHALL, Christopher, B. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). TURNER, Simon, R. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).
- (74) WILLIAMSON, Paul, L.; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*
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- (51)⁷ G11B 27/10, 27/00
- (11) WO 2004/090904 (13) A1
- (21) PCT/IB2004/050373
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 03100973.1 **10 Apr/avr 2003** EP
(10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND APPARATUS FOR DATA RETRIEVAL
- PROCEDE ET APPAREIL POUR LA RECHERCHE 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) **VAN DER BRUG, Willem, P.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G11C 7/18, 11/4097, 11/06

(11) WO 2004/090905 (13) A2

(21) PCT/US2004/009756

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/403,752 31 Mar/mar 2003 US (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • THREE-DIMENSIONAL MEMORY DEVICE INCORPORATING SEGMENTED BIT LINE MEMORY ARRAY

• DISPOSITIF MEMOIRE TRIDIMENSIONNEL COMPRENANT UNE MATRICE MEMOIRE DE LIGNES BINAIRES SEGMENTEES

(71) **MATRIX SEMICONDUCTOR, INC.** [US/US]; 3230 Scott Boulevard, Santa Clara, CA 95054 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHUEERLEIN, Roy, E.** [US/US]; 22145 Orchard Ct., Cupertino, CA 95014 (US). **ILKBAHAR, Alper** [US/US]; 1418 Four Oaks Road, San Jose, CA 95131 (US). **FASOLI, Luca, G.** [IT/US]; 1229 Altissimo Place, San Jose, CA 95151 (US).

(74) **ZAGORIN, O'BRIEN & GRAHAM, L.L.P. GRAHAM, ANDREW, C. et al.** /

etc.; 7600B N. Capital of Texas Hwy, Suite 350, Austin, TX 78731 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11C 11/00

(11) WO 2004/090906 (13) A2

(21) PCT/GB2004/001622

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 0308594.1 14 Apr/avr 2003 GB (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM FOR ENCODING AND/OR DECODING DATA

• SYSTEME DE CODAGE ET/OU DE DECODAGE DE DONNEES

(71) **PERSONAL BIOMETRIC ENCODERS LIMITED** [GB/GB]; Flat 1, 11 North Common Road, Ealing Common, London W5 2QB (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROSS, William, Leslie** [GB/GB]; Flat 1, 11 North Common Road, Ealing Common, London W5 2QB (GB).

(74) **VLECK, Jan, Montagu; Reddie and Grose,** 16 Theobalds Road, London WC1X 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11C 11/412, 11/417

(11) WO 2004/090907 (13) A1

(21) PCT/US2004/010308

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,157 2 Apr/avr 2003 US (02.04.2003)

(30) 10/641,883 14 Aug/août 2003 US (14.08.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LEAKAGE CURRENT REDUCTION FOR CMOS MEMORY CIRCUITS

• REDUCTION DE COURANT DE FUITE POUR CIRCUITS DE MEMOIRE CMOS

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHEN, Nan** [CN/US]; 12240 Summerbreeze Lane, San Diego, CA 92128 (US). **ZHONG, Cheng** [CN/US]; 4750 Conrad Avenue, #212, San Diego, CA 92117 (US). **SANI, Mehdi Hamidi** [US/US]; 13636 Old El Camino Real, San Diego, CA 92130 (US).

(74) **WADSWORTH, Philip R. et al. / etc.**; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)⁶ G11C 16/02

(11) WO 2004/090908 (13) A1

(21) PCT/JP1997/002006

(22) 11 Jun/juin 1997 (11.06.1997)

(25) ja (26) ja

(30) 8/149005 11 Jun/juin 1996 JP (11.06.1996)

(30) 8/166116 26 Jun/juin 1996 JP (26.06.1996)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NONVOLATILE MEMORY HAVING VERIFYING FUNCTION

• MEMOIRE NON VOLATILE A FONCTION DE VERIFICATION

(71, 72) **TAKEUCHI, Nobuyoshi** [JP/JP]; c/o NKK Corporation, 1-2, Marunouchi, 1-chome., Chiyoda-ku, Tokyo 100 (JP).

(74) SUZUYE, Takehiko et al. / etc.; Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) US.

Published / Publiée : (e): 23Mar/mar 1999 (23.03.1999), 5886927

(51)⁶ G11C 17/12

(11) WO 2004/090909 (13) A1

(21) PCT/JP1995/002715

(22) 27 Dec/déc 1995 (27.12.1995)

(25) ja (26) ja

(30) 6/336859 27 Dec/déc 1994 JP (27.12.1994)

(30) 6/336862 27 Dec/déc 1994 JP (27.12.1994)

(30) 6/336863 27 Dec/déc 1994 JP (27.12.1994)

(30) 6/336864 27 Dec/déc 1994 JP (27.12.1994)

(30) 7/335574 25 Dec/déc 1995 JP (25.12.1995)

(30) 7/335575 25 Dec/déc 1995 JP (25.12.1995)

(30) 7/335576 25 Dec/déc 1995 JP (25.12.1995)

(30) 7/335577 25 Dec/déc 1995 JP (25.12.1995)

(30) 7/335578 25 Dec/déc 1995 JP (25.12.1995)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • INFORMATION MEMORY DEVICE AND ITS OPERATION METHOD

• DISPOSITIF DE MEMOIRE D'INFORMATIONS ET PROCEDE DE FONCTIONNEMENT ASSOCIE

(71, 72) INADA, Nobufumi [JP/JP]; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP). SHIGEMATSU, Koji [JP/JP]; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP). KITABUKI, Junichi [JP/JP]; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP). HAYASHI, Tetsuya [JP/JP]; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).

(74) SUZUYE, Takehiko et al. / etc.; Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) US.

Published / Publiée : (e): 08Dec/déc 1998 (08.12.1998), 5848002

(51)⁷ G11C 29/00

(11) WO 2004/090910 (13) A1

(21) PCT/IB2004/050350

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 03100913.7 7 Apr/avr 2003 EP (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SEMICONDUCTOR MEMORY DEVICE HAVING REDUNDANCY MEANS

• DISPOSITIF DE MEMOIRE SEMICONDUCTRICE AVEC DES MOYENS REDONDANTS

(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 WINKELHOFF, Nikolaas, K., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DE, JONG, Durk, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G21C

(11) WO 2004/090911 (13) A2

(21) PCT/EP2004/001721

(22) 21 Feb/fév 2004 (21.02.2004)

(25) de (26) de

(30) 103 16 248.8 8 Apr/avr 2003 DE (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND DEVICE FOR DISMANTLING A CONTROL ELEMENT OF A BOILING WATER REACTOR

• PROCEDE ET DISPOSITIF POUR DEMONTER UN ELEMENT DE COMMANDE D'UN REACTEUR A EAU BOUILLANTE

(71) FRAMATOME ANP GMBH [DE/DE]; Freyeslebenstrasse 1, 91058 Erlangen (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUMMEL, Wolfgang [DE/DE]; Sudeetenstrasse 1, 91085 Weisendorf (DE). NAHR, Wolfgang [DE/DE]; Fünfkirchener-Strasse 15, 91056 Erlangen (DE). LÜCKEN, Wolfgang [DE/DE]; Weidenweg 11, 96114 Hirschaid (DE).

(74) MÖRTEL & HÖFNER; Blumenstrasse 1, 90402 Nürnberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) H01B 3/00

(11) WO 2004/090912 (13) A1

(21) PCT/JP2004/004182

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-101226 4 Apr/avr 2003 JP (04.04.2003)

(30) 2003-186632 30 Jun/juin 2003 JP (30.06.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PASTE COMPOSITION AND DIELECTRIC COMPOSITION USING THE SAME

• COMPOSITION DE PATE ET COMPOSITION DIELECTRIQUE LA CONTENANT

(71) TORAY INDUSTRIES, INC. [JP/JP]; 2-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 1038666 (JP).

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(72, 75) HARA, Yoshitake [JP/JP]; 13-1, Sonoyama 2-chome, Otsu-shi, Shiga 5200842 (JP). YAMASHIKI, Yuka [JP/JP]; 12-30-708, Oe 2-chome, Otsu-shi, Shiga 5202141 (JP). KAWASAKI, Manabu [JP/JP]; 16-A2-38, Takehana Jizojiminamimachi, Yamashina-ku, Kyoto-shi, Kyoto 6078088 (JP). NONAKA, Toshihisa [JP/JP]; 10-3, Oishi-higashi 3-chome, Otsu-shi, Shiga 5202264 (JP).

(74) IWAMI, Tomonori; c/o Intellectual Property Department, Toray Industries, Inc., 1-1, Sonoyama 1-chome, Otsu-shi, Shiga 5208558 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01B 3/18, 3/30, C08K 3/00

(11) WO 2004/090913 (13) A1

(21) PCT/EP2004/003745

(22) 7 Apr/avr 2004 (07.04.2004)

(25) de (26) de

(30) 103 15 927.4 8 Apr/avr 2003 DE (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR PRODUCING MOLDED PARTS FOR LOW-VOLTAGE, MEDIUM-VOLTAGE AND HIGH-VOLTAGE SWITCHGEAR

• PROCEDE DE PRODUCTION DE PIECES MOULEES POUR LES TECHNIQUES BASSE TENSION, MOYENNE TENSION ET HAUTE TENSION

(71) ABB TECHNOLOGY AG [CH/CH]; Af-folternstrasse 44, CH-8050 Zürich (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GENTSCH, Dietmar [DE/DE]; Mül-heimer Strasse 19, 40878 Ratingen (DE).

(74) SCHMIDT, Karl-Michael; ABB Patent GmbH, PAT 6, Oberhausener Strasse 33, 40472 Ratingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(r) for all designations / pour toutes les désignations

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(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ H01B 11/18

(11) WO 2004/090914 (13) A1

(21) PCT/IB2004/001002

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 03100953.3 9 Apr/avr 2003 EP (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TRANSMISSION CABLE

• CABLE DE TRANSMISSION

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRON-ICS N. V. [NL/NL]; Groenewoudseweg 1, 5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf DE US)

(72, 75) SCHULZ, Volkmar [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(74) MEYER, Michael; Philips Intellectual Prop-erty & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01C 7/00

(11) WO 2004/090915 (13) A1

(21) PCT/JP2004/005038

(22) 7 Apr/avr 2004 (07.04.2004)

(25) ja (26) ja

(30) 2003-103843 8 Apr/avr 2003 JP (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CHIP RESISTOR AND METHOD FOR MANUFACTURING SAME

• RESISTANCE DE PUCE ET SA ME-THODE DE FABRICATION

(71) ROHM CO. LTD. [JP/JP]; 21, Saiin Mi-zosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto, 6158585 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TSUKADA, Torayuki [JP/JP]; c/o Rohm Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto, 6158585 (JP).

(74) YOSHIDA, Minoru et al. / etc.; 2-32-1301, Tamatsukuri-motomachi, Tennoji-ku, , Os-aka-shi, Osaka, 5430014 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01F

(11) WO 2004/090916 (13) A2

(21) PCT/US2004/010583

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 10/407,579 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FLUSH-TO-GRADE VAULT WITH WALL-MOUNTED CROSS-CONNECT PANELS

• CHAMBRE DE TRANSFORMATEURS TRES PERFORMANTE EQUIPEE DE TABLEAUX D'INTERCONNEXION A MONTAGE MURAL

(71) STOCKDALE COMMUNICATIONS INCORPORATED DBA CROSS-CON-NECT SYSTEMS [US/US]; P.O. Box 88, San Miguel, CA 93451 (US).

(for all designated States except / pour tous les États désignés sauf US)(72, 75) HUTCHINS, Scott, W. [US/US]; 5875 Stockdale Rd., Paso Robles, CA 93447 (US).
HENRY, Ronnie, B., Jr. [US/US]; 5875 Stockdale Rd., Paso Robles, CA 93447 (US).
DIAZ, Henry [US/US]; 5875 Stockdale Rd., Paso Robles, CA 93447 (US).

(74) DOWDEN, Donald, S.; Cooper & Dunham LLP, 1185 Avenue of the Americas, 23 rd. Fl., New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01F 27/04

(11) WO 2004/090917 (13) A1

(21) PCT/EP2004/050452

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) MI2003A000678 7 Apr/avr 2003 IT (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BUSHING FOR TRANSFORMERS

• TRAVERSEE POUR TRANSFORMA-TEURS

(71) CEDASPE S.P.A. [IT/IT]; Via Colombara 1, I-20098 SAN GIULIANO MILANESE (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GIORGI, Gian Franco [IT/IT]; Via Amadeo 3, I-20133 MILAN (IT).

(74) GERVASI, Gemma; NOTARBARTOLO & GERVASI S.p.A., Corso di Porta Vittoria 9, I-20122 MILAN (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01F 38/14, H02J 17/00

(11) WO 2004/090918 (13) A1

(21) PCT/NZ2004/000068

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 525183 7 Apr/avr 2003 NZ (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COMMUNICATIONS FOR INDUCTIVE POWER SYSTEMS

• SYSTEME DE COMMUNICATION POUR SYSTEMES D'ALIMENTATION INDUCTIFS

(71) AUCKLAND UNISERVICES LIMITED [NZ/NZ]; 70 Symonds St, Auckland, 1001 (NZ).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOYS, John Talbot [NZ/NZ]; 15A Island Bay Road, Birkdale, Auckland, 1310 (NZ).

(74) PIPERS et al. / etc.; 18 Byron Ave, PO Box 5298, Takapuna, AUCKLAND, 1332 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H01F 38/18, 27/10

(11) WO 2004/090919 (13) A1

(21) PCT/DK2004/000255

(22) 6 Apr/avr 2004 (06.04.2004)

(25) da (26) en

(30) PA 2003 00522 7 Apr/avr 2003 DK (07.04.2003)

(30) PA 2004 00037 14 Jan/jan 2004 DK (14.01.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ROTATING TRANSFORMER

• TRANSFORMATEUR ROTATIF

(71, 72) OLSEN, Jens, Gorm, Stubbe [DK/DK]; Gartnervænget 14, Rindum, DK-6950 Ringkøbing (DK).

(74) PATRADE A/S; Fredens Torv 3A, DK-8000 Århus C (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01G 9/012, 9/08

(11) WO 2004/090920 (13) A1

(21) PCT/JP2004/005179

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ja (26) ja

(30) 2003-105589 9 Apr/avr 2003 JP (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SOLID-STATE ELECTROLYTIC CAPACITOR AND MOUNTING METHOD THEREFOR

• CONDENSATEUR ELECTROLYTIQUE A SEMICONDUCTEURS ET PROCEDE DE MONTAGE

(71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihan-hondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).

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(72, 75) ISHIDA, Hideki [JP/JP]; 70-7, Kitaike, Amida-cho, Takasago-shi, Hyogo 676-0825 (JP). FUJII, Eizo [JP/JP]; 1-6-29, Tudaekimae, Hirakata-shi, Osaka 573-0125 (JP). KISHIMOTO, Yasuhiro [JP/JP]; 1-15-3-301, Ningyo-cho, Nihonbashi, Tyuo-ku, Tokyo 103-0013 (JP). IBUTA, Hitoshi [JP/JP]; 1-12-61, Souya, Hirakata-shi, Osaka 573-0113 (JP).

(74) SHIBANO, Masanori; Shibano Patent Office, c/o Sanyo Electric Co., Ltd., 2-5-5, Keihan-hondori, Moriguchi-shi, Osaka 570-8677 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ

TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01G 9/20, H01L 51/20, 51/30

(11) WO 2004/090921 (13) A2

(21) PCT/GB2004/001467

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0307975.3 5 Apr/avr 2003 GB (05.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COMPOSITE STRUCTURE

• STRUCTURE COMPOSITE

(71) IMPERIAL COLLEGE INNOVATIONS LTD. [GB/GB]; South Kensington Campus, Imperial College London, London SW7 2AZ (GB). CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LTD. [GB/GB]; The Old Schools, Trinity Lane, Cambridge CB2 1TT (GB).

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(72, 75) DURRANT, James, Robert [GB/GB]; Imperial College Innovations Ltd., South Kensington Campus, Imperial College London, London SW7 2AZ (GB). HAQUE, Saif, Ahmed [GB/GB]; Imperial College Innovations Ltd., South Kensington Campus, Imperial College London, London SW7 2AZ (GB). HOLMES, Andrew [AU/GB]; Melville Laboratory for Polymer Synthesis, Dept. of Chemistry, University of Cambridge, Lensfield Road, Cambridge CB2 1EW (GB). PARK, Taiho [KR/US]; University of Illinois, School of Chemical Science, Roger Adams Lab, 349, Box 26-5, 600 S. Matthews, Urbana, IL 61801 (IL).

(74) ROBERTS, Gwilym, Vaughan et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01H 9/56

(11) WO 2004/090922 (13) A1

(21) PCT/FR2004/050137

(22) 1 Apr/avr 2004 (01.04.2004)

(25) fr (26) fr

(30) 03 50086 2 Apr/avr 2003 FR (02.04.2003)

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR DETERMINING THE MOMENT OF CLOSURE OF A CIRCUIT BREAKER ON A HIGH VOLTAGE LINE
- PROCEDE DE DETERMINATION DE L'INSTANT DE FERMETURE D'UN DISJONCTEUR SUR UNE LIGNE HAUTE TENSION
- (71) AREVA T & D SA [FR/FR]; 3, avenue André Malraux, le "Sextant", F-92309 LEVAL-LOIS-PERRET Cédex (FR).
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- (72, 75) DUPRAZ, Jean-Pierre [FR/FR]; Route de Dagneux, F-01360 BRES- SOLES (FR). SIGUERDIDJANE, Houria [FR/FR]; 9, rue du Président Kennedy, F-91440 BURES-SUR-YVETTE (FR). BOUDAUD, Farah [DZ/FR]; 15, rue Charrier, F-94000 CRETEIL (FR). BASTARD, Patrick [FR/FR]; C/O SUPELEC, F-91190 GIF-SUR-YVETTE (FR).
- (74) LEHU, Jean; BREVATOME, 3, rue du Doc- teur Lancereaux, F-75008 PARIS (FR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 37/12
- (11) WO 2004/090923 (13) A1
- (21) PCT/EP2004/003707
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) de (26) de
- (30) 103 17 277.7 11 Apr/avr 2003 DE (11.04.2003)

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ENERGY CONTROL DEVICE
- APPAREIL DE COMMANDE D'ENERGIE
- (71) E.G.O. ELEKTRO-GERÄTEBAU GMBH [DE/DE]; Rote-Tor-Strasse, 75038 Oberderdingen (DE).
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- (72, 75) REIMOLD, Günther [DE/DE]; Alemannenstrasse 27, 75038 Oberderdingen (DE). MANNUSS, Siegfried [DE/DE]; Kilgenweg 17, 75447 Sternenfels (DE). REICHERT, Willi [DE/DE]; Schillerstrasse 12, 75057 Kürnbach (DE).

- (74) PATENTANWÄLTE RUFF, WILHELM, BEIER, DAUSTER & PARTNER; Kronen- strasse 30, 70174 Stuttgart (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 7/00
- (11) WO 2004/090924 (13) A2
- (21) PCT/IT2004/000130
- (22) 17 Mar/mar 2004 (17.03.2004)
- (25) en (26) en
- (30) MI2003 A 000679 7 Apr/avr 2003 IT (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)

- (54) • EVAPORABLE GETTER DEVICE FOR PROJECTION TUBES
- DISPOSITIF GETTER POUVANT S'EVAPORER POUR TUBES DE PRO- JECTION

- (71) SAES GETTERS S.p.A. [IT/IT]; Viale Italia, 77, I-20020 Lainate (IT).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) MARTELLI, Daniele [IT/IT]; Viale Jenner, 76, I-20159 Milano (IT). CAR- RETTI, Corrado [IT/IT]; Via Luigi Zoja, 15, I-20153 Milano (IT). LONGONI, Gior- gio [IT/IT]; Via San Gottardo 8, I-20052 Monza (IT).

- (74) ADORNO, Silvano et al. / etc.; Società Ita- liana Brevetti S.p.A., Via Carducci, 8, I-20123 Milano (IT).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H01J 9/22
- (11) WO 2004/090925 (13) A1
- (21) PCT/JP2004/004697
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) ja (26) ja
- (30) 2003-097853 1 Apr/avr 2003 JP (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • FLUORESCENT SCREEN WITH METAL BACK, AND METHOD OF PRODUCING THE SAME

- ECRAN FLUORESCENT A FOND ME- TALLIQUE ET PROCEDE PERMET- TANT DE PRODUIRE CET ECRAN

- (71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).
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- (72, 75) YOSHII, Masayuki [JP/JP]; c/o Intel- lectual Property Division, Toshiba Corpo- ration, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). ITO, Takeo [JP/JP]; c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome, Mi- nato-ku, Tokyo 105-8001 (JP). TANAKA, Hajime [JP/JP]; c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). GAMO, Yasunori [JP/JP]; c/o Intellect- ual Property Division, Toshiba Corpora- tion, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). INAMURA, Masaaki [JP/JP]; c/o Intellectual Property Divi- sion, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). NAKAZAWA, Tomoko [JP/JP]; c/o Intellec- tual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

- (74) SUYAMA, Saichi; Kanda Higashiyama Bldg., 1, Kandata-cho 2-chome, Chiyoda-ku, Tokyo 101-0046 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H01J 9/38, 9/50
- (11) WO 2004/090926 (13) A1
- (21) PCT/JP2004/005211
- (22) 12 Apr/avr 2004 (12.04.2004)
- (25) ja (26) ja
- (30) 2003-106924 10 Apr/avr 2003 JP (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • METHOD FOR RECYCLING CLEAN- ING COLOR CATHODE RAY TUBE PANEL
- PROCEDE POUR LE NETTOYAGE DE PANNEAUX A TUBE CATHODIQUE COULEURS A DES FINS DE RECY- CLAGE

- (71) MATSUSHITA ELECTRIC INDUS- TRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
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(72, 75) OKAMOTO, Masahisa

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- 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka, 5306026 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01J 9/46, 9/20, 11/02, H01L 21/68, C23C 14/50
- (11) WO 2004/090927 (13) A1
- (21) PCT/JP2004/004900
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) ja (26) ja
- (30) 2003-101264 4 Apr/avr 2003 JP (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR MANUFACTURING PLASMA DISPLAY PANEL
- PROCEDE DE FABRICATION D'UN ECRAN A PLASMA
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHINOZAKI, Atsushi, TAKASE, Michihiko, FURUKAWA, Hiroyuki,
- (74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01J 23/15
- (11) WO 2004/090929 (13) A1
- (21) PCT/KR2004/000857
- (22) 14 Apr/avr 2004 (14.04.2004)
- (25) ko (26) en
- (30) 10-2003-0023461 14 Apr/avr 2003 KR (14.04.2003)
- (30) 10-2003-0023629 15 Apr/avr 2003 KR (15.04.2003)
- (30) 10-2004-0025612 14 Apr/avr 2004 KR (14.04.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ANODE FOR MAGNETRON IN MICROWAVE OVEN, MANUFACTURING METHOD OF THE SAME AND FORMING APPARATUS FOR THEREOF
- ANODE POUR MAGNETRON DANS UN FOUR A MICRO-ONDES, ET PROCEDE DE FABRICATION ET APPAREIL CORRESPONDANTS
- (71, 72) KŪ, Bon-su [KR/KR]; 202-1104 HAN-SOL-MAEUL LG-APT JEONGJA-DONG BUNDANG-GU SEONGNAM-SI, 463-909 KYEONGGI-DO (KR). LEE, Kye-young [KR/KR]; 531 GEOMO-DONG SIHEUNG-SI, 429-801 KYEONGGI-DO (KR).
- (74) KIM, Eun-gu; PEDISON INTERNATIONAL PATENT AND LAW OFFICE, 824-28(3F) YOKSAM-DONG KANGNAM-GU, SEOUL 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01J 37/00
- (11) WO 2004/090931 (13) A2
- (21) PCT/GB2004/001519
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 0308192.4 10 Apr/avr 2003 GB (10.04.2003)
- (30) 03252266.6 10 Apr/avr 2003 EP (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND APPARATUS FOR TREATING A SURFACE USING A PLASMA DISCHARGE

- PROCEDE ET DISPOSITIF POUR LE TRAITEMENT D'UNE SURFACE PAR DECHARGE DE PLASMA
- (71) BAE SYSTEMS PLC [GB/GB]; 6 Carlton Gardens, London SW1Y 5AD (GB).
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- (72, 75) SCOTT, Simon, Joseph [GB/GB]; BAE Systems ATC, FPC 267, P.O. Box 5, Filton, Bristol BS34 7QW (GB). DOLAN, John, Eric [GB/GB]; BAE Systems ATC, FPC 267, P.O. Box 5, Filton, Bristol BS34 7QW (GB).
- (74) BAE SYSTEMS PLC; Intellectual Property Department, Lancaster House, P.O. Box 87, Farnborough Aerospace Centre, Farnborough, Hampshire GU14 6YU (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01J 37/20, 49/04, G01N 23/20, F16J 15/50
- (11) WO 2004/090932 (13) A1
- (21) PCT/EP2004/003753
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) de (26) de
- (30) 103 16 730.7 7 Apr/avr 2003 DE (07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ROTARY MOTION FEEDTHROUGH FOR A VACUUM
• INTRODUCTION DE MOUVEMENTS DE ROTATION DANS UNE CHAMBRE A VIDE
- (71) FREIE UNIVERSITÄT BERLIN [DE/DE]; Kaiserswerther Strasse 16-18, 14195 Berlin (DE).
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- (72, 75) WESCHKE, Eugen [DE/DE]; Schlossstrasse 90, 12163 Berlin (DE).
- (74) WEISSE, Renate et al. / etc.; Weisse & Wolgast, Bökenbuschstrasse 41, 42555 Velbert (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H01J 49/00

(11) WO 2004/090933 (13) A2

(21) PCT/CA2004/000540

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 60/461.126 9 Apr/avr 2003 US (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DYNAMIC BACKGROUND SIGNAL EXCLUSION IN CHROMATOGRAPHY/MASS SPECTROMETRY DATA-DEPENDENT, DATA ACQUISITION

• EXCLUSION DYNAMIQUE DE SIGNAL DE FOND DANS L'ACQUISITION DE DONNEES DEPENDANTE DE DONNEES DE LA CHROMATOGRAPHIE/SPECTROMETRIE DE MASSE

(71) MDS INC., DOING BUSINESS AS MDS SCIEX [CA/CA]; 71 Four Valley Drive, Concord, Ontario L4K 4V8 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LE BLANC, Yves [CA/CA]; 304 - 18 William Carson Crest, Toronto, Ontario M2P 2G6 (CA).

(74) TORYS LLP et al. / etc.; Suite 3000, 79 Wellington Street West, Box 270, TD Centre, Toronto, Ontario M5K 1N2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01J 61/54, H05B 41/24

(11) WO 2004/090934 (13) A1

(21) PCT/JP2004/005144

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ja (26) ja

(30) 2003-105843 9 Apr/avr 2003 JP (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HIGH-PRESSURE DISCHARGE LAMP, LIGHTING METHOD AND LIGHTING DEVICE FOR HIGH-PRESSURE DISCHARGE LAMP AND, HIGH-PRESSURE DISCHARGE LAMP DEVICE, AND LAMP UNIT, IMAGE DISPLAY UNIT, HEAD LIGHT UNIT

• LAMPE A DECHARGE HAUTE PRESSION, PROCEDE D'ECLAIRAGE ET DISPOSITIF D'ECLAIRAGE POUR LAMPE A DECHARGE HAUTE PRESSION, ET DISPOSITIF AVEC LAMPE A DECHARGE HAUTE PRESSION, UNITE DE LAMPE, UNITE D'AFFICHAGE D'IMAGES ET UNITE DE PHARE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMAMOTO, MasahiroONO, SyunsukeOZASA, MinoruICHIBAKASE, TsuyoshiSEKI, TomoyukiTSUTATANI, TakashiNAGAI, Haruo

(74) NAKAJIMA, Shiro; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 5310072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01K 1/38

(11) WO 2004/090935 (13) A2

(21) PCT/IB2004/050383

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 03100963.2 10 Apr/avr 2003 EP (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LAMP ASSEMBLY

• ENSEMBLE FORMANT LAMPE

(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) EIJSERMANS, Joseph, F., R. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DEKKERS, Waltherus, J., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) PET, Robert, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H01L

(11) WO 2004/090936 (13) A2

(21) PCT/FI2004/000224

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 60/461,820 11 Apr/avr 2003 US (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LOW-K DIELECTRIC MATERIAL

• MATERIAU DIELECTRIQUE A FAIBLE PERMITTIVITE DIELECTRIQUE

(71) SILECS OY [FI/FI]; Tietotie 3, FI-02150 Espoo (FI). PAULASAARI, Jyri [FI/FI]; Reelinkikatu 14 B 10, FI-20810 Turku (FI). PIETIKÄINEN, Jarkko [FI/FI]; Mannerheimintie 35 B 34, FI-00250 Helsinki (FI). TÖRMÄNEN, Teemu [FI/FI]; Eestintaival 3 A 1, FI-02280 Espoo (FI). HACKER, Nigel [GB/FI]; Suotorpantie 15 J 31, FI-02130 Espoo (FI). VISWANATHAN, Nungavaram [IN/US]; 6427 Trinidad Drive, San Jose, CA 95120 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RANTALA, Juha [FI/FI]; Tietotie 3, FI-02150 Espoo (FI).

(74) SEPPO LAINE OY; Itämerenkatu 3 B, FI-00180 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L

(11) WO 2004/090937 (13) A2

(21) PCT/IL2004/000310

(22) 4 Apr/avr 2004 (04.04.2004)

(25) en (26) en

(30) 60/461,437 10 Apr/avr 2003 US (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COPPER CMP SLURRY COMPOSITION

• COMPOSITION DE DISPERSION DE POLISSAGE MECANO-CHIMIQUE DE CUIVRE

(71) TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD [IL/IL]; Senate House, Technion City, 32000 Haifa (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EIN-ELI, Yair [IL/IL]; 9 Amnon VeTamar Street, 34791 Haifa (IL). STAROSVETSKY, David [IL/IL]; 16 Jordan Street, 20692 Yokneam Ilit (IL). ABELEV, Esta [IL/IL]; 25/35 Pinchas Sapir Street, 29000 Kiryat Yam (IL). RABKIN, Eugene [IL/IL]; 1 Kadish Luz Street, 32159 Haifa (IL).

(74) G.E. EHRlich (1995) LTD.; 11 Menachem Begin Street, 52521 Ramat Gan (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L

(11) WO 2004/090938 (13) A2

(21) PCT/US2004/010094

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,716 2 Apr/avr 2003 US (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • THERMAL INTERCONNECT AND INTERFACE SYSTEMS, METHODS OF PRODUCTION AND USES THEREOF

• SYSTEMES D'INTERCONNEXION ET D'INTERFACE THERMIQUES, PROCÉDES DE FABRICATION ET UTILISATIONS

(71) HONEYWELL INTERNATIONAL INC. [US/US]; P.O. Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEAN, Nancy [US/US]; HONEYWELL INTERNATIONAL INC., P.O. Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US). TOWNSEND, Richard [US/US]; HONEYWELL INTERNATIONAL INC., P.O. Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US). KNOLL, Paula [US/US]; HONEYWELL INTERNATIONAL INC., P.O. Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US). EDIE, Colin [CA/US]; HONEYWELL INTERNATIONAL INC., P.O. Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US). NGUYEN, My [US/US]; HONEYWELL INTERNATIONAL INC., P.O. Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US). CURRAN, Dan [US/US]; HONEYWELL INTERNATIONAL INC., P.O. Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US). RASIAH, Ignatius, Joseph [US/US]; HONEYWELL INTERNATIONAL INC., P.O. Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US).

(74) BINGHAM MCCUTCHEN LLP et al. / etc.; Three Embarcadero Center, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H01L
(11) WO 2004/090939 (13) A2
(21) PCT/US2004/009794
(22) 31 Mar/mar 2004 (31.03.2004)
(25) en (26) en
(30) 10/404,883 31 Mar/mar 2003 US (31.03.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • HANDPIECE WITH RF ELECTRODE AND NON-VOLATILE MEMORY
• APPAREIL A MAIN A ELECTRODE HF ET MEMOIRE NON VOLATILE
(71) THERMAGE, INC. [US/US]; 4058 Point Eden Way, Hayward, CA 94545 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) KNOWLTON, Edward, W. [US/US]; 5478 Blackhawk Drive, Danville, CA 94506 (US). STERN, Roger, A. [US/US]; 10418 Palo Vista Road, Cupertino, CA 95014 (US). WEBER, Bryan [US/US]; 2612 Tahoe Drive, Livermore, CA 94550 (US). LEVINSON, Mitchell [US/US]; 7924 Spyglass Court, Pleasanton, CA 94588 (US).
(74) DAVIS, Paul; Heller Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ H01L
(11) WO 2004/090940 (13) A2
(21) PCT/US2004/009815
(22) 31 Mar/mar 2004 (31.03.2004)
(25) en (26) en
(30) 10/407,687 4 Apr/avr 2003 US (04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • ESD PROTECTION DEVICE AND METHOD MAKING THE SAME
• DISPOSITIF DE PROTECTION DES ET PROCEDE DE FABRICATION ASSOCIE
(71) FREESCALE SEMICONDUCTOR, INC. [US/US]; 6501 William Cannon Drive West, Austin, TX 78735 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) WHITFIELD, James, D. [US/US]; 913 N. Cobblestone, Gilbert, AZ 85234 (US).
(74) GODDARD, Patricia, S.; Freescale Semiconductor, Inc., 7700 West Parmer Lane, MD:TX32/PL02, Austin, TX 78729-8084 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ H01L
(11) WO 2004/090941 (13) A2
(21) PCT/US2004/009816
(22) 31 Mar/mar 2004 (31.03.2004)
(25) en (26) en
(30) PI20031227 2 Apr/avr 2003 MY (02.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • INTEGRATED CIRCUIT DIE HAVING A COPPER CONTACT AND METHOD THEREFOR
• PUCE DE CIRCUIT INTEGRE PRESENTANT UN CONTACT EN CUIVRE ET PROCEDE ASSOCIE
(71) FREESCALE SEMICONDUCTOR, INC. [US/US]; 6501 William Cannon Drive West, Austin, TX 78735 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) LEE, Chu-Chung [CN/US]; 7106 Avignon Drive, Round Rock, TX 78681 (US). HARUN, Fuaida, B. [MY/MY]; No. 30 Jalan 27/49, Shah Alam, SEL, 40400 (MY). HESS, Kevin, J. [US/US]; 14720 Irondale Drive, Austin, TX 78717 (US). TAN, Lan Chu [MY/MY]; WW10-7 Regency Condo, Jalan Pelangi Klang, Selangor, 41300 (MY). YONG, Cheng Choi [MY/MY]; No. 11A, Jalan BK5/7A, Puchong, Kul, 47100 (MY).
(74) GODDARD, Patricia, S.; Freescale Semiconductor, Inc., 7700 West Parmer Lane, MD:TX32/PL02, Austin, TX 78729-8084 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ H01L
(11) WO 2004/090942 (13) A2
(21) PCT/US2004/009886

- (22) 30 Mar/mar 2004 (30.03.2004)
(25) en (26) en
(30) 60/458,944 1 Apr/avr 2003 US (01.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • THERMALLY CONDUCTIVE ADHESIVE COMPOSITION AND PROCESS FOR DEVICE ATTACHMENT
• COLLES THERMOCONDUCTRICES ET PROCEDE DE FIXATION DE DISPOSITIFS
(71) AGUILA TECHNOLOGIES, INC. [US/US]; 310 Via Vera Cruz, Suite 107, San Marcos, CA 92069 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) CAPOTE, Miguel, Albert [US/US]; 4362 Point Reyes Court, Carlsbad, CA 92008 (US). GRIEVE, Alan [US/US]; 4465 Felton St., San Diego, CA 92116 (US).
(74) NATH, Gary, M.; Nath & Associates PLLC, 1030 15th Street NW, 6th Floor, Washington, DC 20005-1503 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ H01L
(11) WO 2004/090943 (13) A2
(21) PCT/US2004/009894
(22) 26 Mar/mar 2004 (26.03.2004)
(25) en (26) en
(30) 60/459,405 1 Apr/avr 2003 US (01.04.2003)
(30) 10/803,453 18 Mar/mar 2004 US (18.03.2004)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • PLASMA UNIFORMITY
• UNIFORMITÉ PLASMATIQUE
(63) US 60/459,405 (CON)
1 Apr/avr 2003 (01.04.2003)
(71, 72) GEORGE, Rene [US/US]; 6022 Gypsy Moth Place, San Jose, CA 95123 (US). KADAVANICH, Andreas [US/US]; 39311 Sutter Drive, Fremont, CA 94538 (US). DEVINE, Daniel, J. [US/US]; 108 Newall Avenue, Los Gatos, CA 95032 (US). SAVAS, Stephen, E. [US/US]; 1425 Koll Circle, #111, San Jose, CA 95112 (US). ZAJAC, John [US/US]; 1137 Angmar Court, San Jose, 95121 (US). SHAN, Hongqing [US/US]; 1369 S. Stelling Road, Cupertino, CA 95014 (US).
(74) GALLENSON, Mavis, S. et al. / etc.; Ladass & Parry, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036-5679 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L

(11) WO 2004/090944 (13) A2

(21) PCT/US2004/009915

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/408,839 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PCM/ALIGNED FIBER COMPOSITE THERMAL INTERFACE

• INTERFACE THERMIQUE COMPOSITE DE FIBRES ALIGNEES/PCM

(71) THE BERGQUIST COMPANY [US/US]; 18930 West 78th Street, Chanhassen, MN 55317 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) MISRA, Sanjay; 1016 Arbogast Street, Shoreview, MN 55126 (US). OLSON, Richard, M.; 169 Loretta Lane, Mahtomedi, MN 55115 (US). KNOWLES, Timothy, R.; Del Mar, CA (US). SEAMAN, Christopher, L.; San Diego, CA (US).

(74) BURNS, Mark, J.; Haugen Law Firm PLLP, 1130 TCF Tower, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L

(11) WO 2004/090945 (13) A2

(21) PCT/US2004/009938

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 60/459,908 1 Apr/avr 2003 US (01.04.2003)

(30) 10/812,817 29 Mar/mar 2004 US (29.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FULL FRAME THERMAL PUMP PROBE TECHNIQUE FOR DETECTING SUBSURFACE DEFECTS

• TECHNIQUE UTILISANT UN LASER SONDE ET A POMPE THERMIQUE POUR FORMER UNE IMAGE COMPLETE UTILISEE POUR DETECTER DES DEFAUTS SOUS LA SURFACE

(71) APPLIED MATERIALS, INC. [US/US]; Legal Affairs Dept., Patent Counsel, M/S 2061, P.O.Box 450A, Santa Clara, CA 95052 (US).

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(72, 75) SOME, Daniel, I. [US/IL]; Nahal Lachish 27A, Apt.26, Ashdod (IL).

(74) SURYADEVARA, Omkar; Silicon Valley Patent Group LLP, 2350 Mission College Blvd, Suite 360, Santa Clara, CA 95054 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/00

(11) WO 2004/090946 (13) A1

(21) PCT/KR2004/000607

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10-2003-0022723 10 Apr/avr 2003 KR (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • WAFER HAVING ALTERNATING DESIGN STRUCTURE AND METHOD FOR MANUFACTURING SEMICONDUCTOR PACKAGE USING THE SAME

• PLAQUETTE DOTEE D'UNE STRUCTURE DE CONCEPTION ALTERNATIVE ET PROCEDE DE FABRICATION D'UN BOITIER DE SEMI-CONDUCTEUR AU MOYEN DE LADITE PLAQUETTE

(71) MENICS CO., LTD. [KR/KR]; 621-24, Noha-ri, Paltan-myeon, Hwasung-city, Kyunggi-do 445-913 (KR).

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(71, 72) YOON, Soo-Sang [KR/KR]; 301, Hyundai-villa, 779-9, Suksu-dong, Manan-gu, Anyang-city, Kyunggi-do 430-040 (KR).

(74) YANG, Kwang-Nam et al. / etc.; 9F, BYC Bldg., 648-1, Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/00

(11) WO 2004/090947 (13) A2

(21) PCT/US2004/010114

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/404,493 1 Apr/avr 2003 US (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ION BEAM INCIDENT ANGLE DETECTOR FOR ION IMPLANT SYSTEMS

• DETECTEUR D'ANGLE D'INCIDENCE D'UN FAISCEAU D'IONS POUR SYSTEMES D'IMPLANTATION D'IONS

(71) AXCELIS TECHNOLOGIES INC. [US/US]; 108 Cherry Hill Drive, Beverly, MA 01915 (US).

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(72, 75) REESE, Ronald [US/US]; 105 Pleasant Valley Road, Westwood, MA 02090 (US). GRAF, Michael [CA/US]; 3 Locust Terrace, Cambridge, MA 02138 (US). PARRILL, Thomas [US/US]; 30 Lacy Street, North Andover, MA 01845 (US). FREER, Brian [US/US]; 11 Strathmore Road, #4, Medford, MA 02155 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/00

(11) WO 2004/090948 (13) A1

(21) PCT/US2004/009937

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/408,036 3 Apr/avr 2003 US (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHODS AND APPARATUS FOR VERTICAL TRANSFER OF SEMICONDUCTOR SUBSTRATES BETWEEN CLEANING MODULES

- PROCEDES ET APPAREIL DE TRANSFERT VERTICAL DE SUBSTRATS SEMICONDUCTEURS ENTRE DES MODULES DE NETTOYAGE
- (71) **APPLIED MATERIALS INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).
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- (72, 75) **ACHKIRE, Younes** [BE/US]; 216 Wedgewood Avenue, Los Gatos, CA 95032 (US). **MAROHL, Dan** [US/US]; 3461 Outlook Court, San Jose, CA 95132 (US). **KARUPPIAH, Lakshmanan** [US/US]; 2720 Sycamore Grove Place, San Jose, CA 95121 (US).
- (74) **PATTERSON, B. Todd et al.** / etc.; Moser, Patterson & Sheridan, L.L.P., 3040 Post Oak Blvd., Suite 1500, Houston, TX 77056 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2004/090950 (13) A2
- (21) PCT/EP2004/003768
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) de (26) de
- (30) 103 17 613.6 13 Apr/avr 2003 DE (13.04.2003)
- (30) 10/420,896 22 Apr/avr 2003 US (22.04.2003)
- (30) 103 25 459.5 5 Jun/juin 2003 DE (05.06.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CREATION OF A PERMANENT STRUCTURE WITH HIGH THREE-DIMENSIONAL RESOLUTION
- PRODUCTION HAUTE RESOLUTION SPATIALE D'UNE STRUCTURE DURABLE
- (71) **MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.** [DE/DE]; Hofgartenstr. 2, 80539 München (DE).
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- (72, 75) **HELL, Stefan** [DE/DE]; Burgstrasse 10, 37073 Göttingen (DE).
- (74) **REHBERG+HÜPPE**; Nikolausberger Weg 62, 37073 Göttingen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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, F27D 7/06, 19/00, G03F 7/30, 7/38
- (11) WO 2004/090951 (13) A1
- (21) PCT/JP2004/004359
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) ja (26) ja
- (30) 2003-097840 1 Apr/avr 2003 JP (01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • HEAT TREATING APPARATUS AND HEAT TREATING METHOD
- APPAREIL DE TRAITEMENT THERMIQUE ET PROCEDE DE TRAITEMENT THERMIQUE
- (71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 1078481 (JP).
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- (72, 75) **YOSHIHARA, Kousuke** [JP/JP]**TERASHITA, Yuichi** [JP/JP]**SHIZUKUI, Momoko** [JP/JP]**OOKOUCHI, Atsushi** [JP/JP]**KY- OUDA, Hideharu** [JP/JP]
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/027, G03F 7/20
- (11) WO 2004/090952 (13) A1
- (21) PCT/JP2004/004522
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) ja (26) ja
- (30) 2003-105920 9 Apr/avr 2003 JP (09.04.2003)
- (30) 2003-299628 25 Aug/août 2003 JP (25.08.2003)
- (30) 2003-307806 29 Aug/août 2003 JP (29.08.2003)
- (30) 2003-329194 19 Sep/sep 2003 JP (19.09.2003)
- (30) 2003-329309 22 Sep/sep 2003 JP (22.09.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • EXPOSURE METHOD AND APPARATUS, AND DEVICE MANUFACTURING METHOD
- PROCEDE ET DISPOSITIF D'EXPOSITION ET PROCEDE DE PRODUCTION DUDIT DISPOSITIF
- (71) **NIKON CORPORATION** [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1008331 (JP).

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(72, 75) **KUDO, Takehito** [JP/JP]; c/o NIKON CORPORATION (Intellectual Property Department), 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1008331 (JP). **HIRUKAWA, Shigeru** [JP/JP]; c/o NIKON CORPORATION (Intellectual Property Department), 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1008331 (JP).

(74) **OMORI, Satoshi**; 2075-2-501, Noborito, Tama-ku, Kawasaki-shi, Kanagawa, 2140014 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **H01L 21/027, G03F 9/00, G12B 5/00, H01L 21/68**

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(21) PCT/JP2004/004718

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) ja (26) ja

(30) 2003-098464 **1 Apr/avr 2003** JP
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • STAGE DEVICE, EXPOSURE DEICE, AND METHOD OF PRODUCING DEVICE

• DISPOSITIF A ETAGE, DISPOSITIF D'EXPOSITION ET PROCEDE DE PRODUCTION DUDIT DISPOSITIF

(71) **NIKON CORPORATION** [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1008331 (JP).

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(72, 75) **SHIBAZAKI, Yuichi** [JP/JP]; c/o Nikon Corporation 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1008331 (JP).

(74) **TATEISHI, Atsuji**; Tateishi & Co. Paseo Building 5th Floor, 4-20 Haramachida 5-chome, Machida-shi, Tokyo 1940013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01L 21/027, G03F 7/20, G02B 7/02**

(11) **WO 2004/090954** (13) A1

(21) PCT/JP2004/004805

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) ja (26) ja

(30) 2003-97538 **1 Apr/avr 2003** JP
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • HOLDER, OPTICAL SYSTEM, EXPOSURE APPARATUS, AND EXPOSURE METHOD

• DISPOSITIF DE MAINTIEN, SYSTEME OPTIQUE, APPAREIL D'EXPOSITION, ET PROCEDE D'EXPOSITION

(71) **NIKON CORPORATION** [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

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(74) **YAMAGUCHI, Takao**; Daiichi Bldg., 10, Kanda-tsukasacho 2-chome, Chiyoda-ku, Tokyo 101-0048 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01L 21/027, G03F 7/20, G02B 19/00, G21K 5/00**

(11) **WO 2004/090955** (13) A1

(21) PCT/JP2004/004835

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) ja (26) ja

(30) 2003-101038 **4 Apr/avr 2003** JP
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ILLUMINATING OPTICAL DEVICE, PROJECTION EXPOSURE SYSTEM AND EXPOSURE METHOD

• DISPOSITIF OPTIQUE D'ECLAIRAGE, SYSTEME D'EXPOSITION DE PROJECTION ET PROCEDE D'EXPOSITION

(71) **NIKON CORPORATION** [JP/JP]; 2-3, Marunouchi 3-Chome, Chiyoda-ku, Tokyo, 1008331 (JP).

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(74) **FUJIMOTO, Yoshihiro**; Sanshin-Hirose Bldg. 5F 6-1, Uchikanda 3-chome, Chiyoda-ku, Tokyo, 1010047 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01L 21/027, G03F 7/20**

(11) **WO 2004/090956** (13) A1

(21) PCT/JP2004/004969

(22) **6 Apr/avr 2004 (06.04.2004)**

(25) ja (26) ja

(30) 2003-103145 **7 Apr/avr 2003** JP
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • EXPOSURE APPARATUS AND METHOD FOR MANUFACTURING DEVICE

• APPAREIL D'EXPOSITION ET PROCEDE POUR FABRIQUER CE DISPOSITIF

(71) **NIKON CORPORATION** [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

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(72, 75) **HARA, Hideaki** [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(74) **SHIGA, Masatake et al. / etc.**; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01L 21/027, G03F 7/20, G21K 1/06, H05G 2/00**

(11) **WO 2004/090957** (13) A1

(21) PCT/JP2004/005096

- (22) 8 Apr/avr 2004 (08.04.2004)
 (25) ja (26) ja
 (30) 2003-105117 9 Apr/avr 2003 JP
 (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • LIGHT SOURCE UNIT, ILLUMINATION OPTICAL SYSTEM, EXPOSURE APPARATUS AND EXPOSURE METHOD
 • UNITE DE SOURCE LUMINEUSE, SYSTEME OPTIQUE D'ECLAIRAGE, APPAREIL D'EXPOSITION ET PROCEDE D'EXPOSITION
- (71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).
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- (72, 75) KOMATSUDA, Hideki [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). KONDO, Hiroyuki [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).
- (74) YAMAGUCHI, Takao; Daiichi Bldg., 10, Kanda-tsukasacho 2-chome, Chiyoda-ku, Tokyo 101-0048 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/20
 (11) WO 2004/090958 (13) A1
 (21) PCT/EP2003/004696
 (22) 10 Apr/avr 2003 (10.04.2003)
 (25) en (26) en
 (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD OF PRODUCING A HYBRID DEVICE AND HYBRID DEVICE
 • DISPOSITIF HYBRIDE ET SON PROCEDE DE PRODUCTION
- (71) S.O.I.TEC SILICON ON INSULATOR TECHNOLOGIES [FR/FR]; Parc Technologique des Fontaines, Chemin des Franques, F-38190 BERNIN (FR).
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- (72, 75) CAYREFOURCQ, Ian [FR/FR]; 74 Chemin de Theys, F-38330 Saint Nazaire Les Eymes (FR).
- (74) JOLY, Jean-Jacques; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/205, 21/31, 21/22, 21/324
 (11) WO 2004/090959 (13) A1
 (21) PCT/JP2004/004454
 (22) 29 Mar/mar 2004 (29.03.2004)
 (25) ja (26) ja
 (30) 2003-097672 1 Apr/avr 2003 JP
 (01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD OF HEAT TREATMENT AND HEAT TREATMENT APPARATUS
 • PROCEDE DE TRAITEMENT THERMIQUE ET APPAREIL POUR TRAITEMENT THERMIQUE
- (71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 1078481 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SAITO, Takanori [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 1078481 (JP). SERIZAWA, Kazuhide [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 1078481 (JP). ICHIKAWA, Takashi [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 1078481 (JP).
- (74) YOSHITAKE, Kenji, et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (22) 9 Apr/avr 2004 (09.04.2004)
 (25) ja (26) ja
 (30) 2003-107031 10 Apr/avr 2003 JP
 (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SHOWER HEAD STRUCTURE AND TREATING DEVICE
 • STRUCTURE DE POMME DE DOUCHE ET DISPOSITIF DE TRAITEMENT
- (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) MATSUMOTO, Kenji [JP/JP]; c/o Tokyo Electron AT Limited, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 407-0192 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) 2003-103908 8 Apr/avr 2003 JP (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • BASE FILM FOR SEMICONDUCTOR WAFER PROCESSING
- FILM DE BASE UTILISE DANS LE TRAITEMENT D'UNE TRANCHE SEMI-CONDUCTRICE
- (71) TEIJIN DUPONT FILMS JAPAN LIMITED [JP/JP]; 1-1, Uchisaiwaicho 2-chome Chiyoda-ku Tokyo, 1000011 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FURUYA, Koji [JP/JP]; c/o Teijin DuPont Films Japan Limited, 1357, Minamijyo, Anpachi-cho Anpachi-gun Gifu, 5030123 (JP).
- (74) MIHARA, Hideko; c/o Teijin Intellectual Property Center Limited, 1-1, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) 2003-100376 3 Apr/avr 2003 JP (03.04.2003)
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- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • POLISHING PAD, PROCESS FOR PRODUCING THE SAME AND METHOD OF POLISHING THEREWITH
- TAMPON DE POLISSAGE, PROCESUS DE PRODUCTION DE CELUI-CI ET PROCÉDE DE POLISSAGE AU MOYEN DE CE TAMPON
- (71) HITACHI CHEMICAL CO. LTD. [JP/JP]; 1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo, 1630449 (JP). SHIN-KOBE ELECTRIC MACHINERY CO. LTD. [JP/JP]
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUZUKI, Masao [JP/JP] NAKAGAWA, Hiroshi [JP/JP] YOSHIDA, Masato [JP/JP] NISHIYAMA, Masaya [JP/JP] SHIMAMURA, Yasuo [JP/JP] HIRANISHI, Tomoo [JP/JP] MUROKAWA, Yoshinori [JP/JP] IWATSUKI, Yasuhito [JP/JP] TAKAHASHI, Katsuji [JP/JP] KOUDA, Masanobu [JP/JP]
- (74) MIYOSHI, Hidekazu; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo, 1050001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/090964 (13) A1
- (21) PCT/KR2004/000833
- (22) 10 Apr/avr 2004 (10.04.2004)
- (25) ko (26) en
- (30) 10-2003-0023000 11 Apr/avr 2003 KR (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A ROTARY UNION
- ASSEMBLAGE ROTATIF
- (71) SHIN WON CO. LTD. [KR/KR]; B-611, SK Twintech Tower, 345-9, Gasan-dong, Keumcheon-gu, Seoul 153-802 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RHEE, Hee-Jang [KR/KR]; A-301, Jeonwon Villa, 179-3, Daeyami-dong, Gunpo-si, Gyeonggi-do 435-060 (KR).
- (74) KWON, Hyuk-Sung; 2F, Myung Jin Bldg., 746-9 Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 21/316, 21/311
- (11) WO 2004/090966 (13) A1
- (21) PCT/JP2004/005082
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 60/459,730 2 Apr/avr 2003 US (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ORGANOSILICATE RESIN FORMULATION FOR USE IN MICROELECTRONIC DEVICES
- FORMULATION DE RESINE D'ORGANOSILICATE S'UTILISANT DANS DES DISPOSITIFS MICROELECTRONIQUES
- (71) DOW GLOBAL TECHNOLOGIES INC. [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BAIKERIKAR, Kiran, K. [US/US]; 2512 Abbott Road, Apt. S-7, Midland, MI 48642 (US). FENG, Shaoguang, [US/US]; 2812 Walden Woods Drive, Midland, MI 48640 (US). HETZNER, Jack, E. [US/US]; 3125 S. Quanicasse Road, Reese, MI 48757 (US). MAHER, John, M [US/US]; 1113 Highland Road, Charleston, WV 25302 (US). MILLS, Michael, E. [US/US]; 1604 Avalon Street, Midland, MI 48642 (US). POPA, Paul, J. [US/US]; 408 Sunshine Court, Auburn, MI 48611 (US). STRITTMATTER, Richard, J. [US/US]; 5717 Stillwater Lane, Midland, MI 48642 (US). WILSON, Larry, R. [US/US]; 5267 South Martin Road, Beaverton, MI 48612 (US).
- (74) DELINE, Douglas, N.; The Dow Chemical Company, Intellectual Property Section, P.O. Box 1967, Midland, MI 48674-1967 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/316, 21/311
- (11) WO 2004/090966 (13) A1
- (21) PCT/JP2004/005082
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 60/459,730 2 Apr/avr 2003 US (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ORGANOSILICATE RESIN FORMULATION FOR USE IN MICROELECTRONIC DEVICES
- FORMULATION DE RESINE D'ORGANOSILICATE S'UTILISANT DANS DES DISPOSITIFS MICROELECTRONIQUES
- (71) DOW GLOBAL TECHNOLOGIES INC. [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BAIKERIKAR, Kiran, K. [US/US]; 2512 Abbott Road, Apt. S-7, Midland, MI 48642 (US). FENG, Shaoguang, [US/US]; 2812 Walden Woods Drive, Midland, MI 48640 (US). HETZNER, Jack, E. [US/US]; 3125 S. Quanicasse Road, Reese, MI 48757 (US). MAHER, John, M [US/US]; 1113 Highland Road, Charleston, WV 25302 (US). MILLS, Michael, E. [US/US]; 1604 Avalon Street, Midland, MI 48642 (US). POPA, Paul, J. [US/US]; 408 Sunshine Court, Auburn, MI 48611 (US). STRITTMATTER, Richard, J. [US/US]; 5717 Stillwater Lane, Midland, MI 48642 (US). WILSON, Larry, R. [US/US]; 5267 South Martin Road, Beaverton, MI 48612 (US).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 (30) 2003-104437 **8 Apr/avr 2003** JP
 (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD OF FORMING FILM AND FILM FORMING APPARATUS
 • PROCEDE ET APPAREIL POUR LA FORMATION D'UN FILM
- (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) NAKAJIMA, Shigeru [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).
 CHOI, Dong-Kyun [KR/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).
 FUJIWARA, Tomonori [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).
 IKEGAWA, Hiroaki [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).
 NAKAMURA, Genji [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (21) PCT/EP2004/003125
 (22) 24 Mar/mar 2004 (24.03.2004)
 (25) de (26) de
 (30) 103 17 098.7 14 Apr/avr 2003 DE
 (14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR THE PRODUCTION OF A BIPOLAR TRANSISTOR
 • PROCEDE DE PRODUCTION D'UN TRANSISTOR BIPOLAIRE
- (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) BÖCK, Josef [DE/DE]; Hugo-Weiss-Strasse 13, 81827 München (DE).
 MEISTER, Thomas [DE/DE]; Schlesierstrasse 15, 82024 Taufkirchen (DE).
 STENGL, Reinhard [DE/DE]; Bergstrasse 3, 86391 Stadtbergen (DE).
 SCHÄFER, Herbert [DE/DE]; Altlaufstrasse 15, 85635 Höhenkirchen-Siegertsbrunn (DE).
- (74) BARTH, Stephan; Patentanwälte Reinhard Skuhra Weise & Partner GbR, Friedrichstrasse 31, 80801 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (11) WO 2004/090967 (13) A1
 (21) PCT/JP2004/003442
 (22) 15 Mar/mar 2004 (15.03.2004)
 (25) ja (26) ja
 (30) 2003-099709 2 Apr/avr 2003 JP
 (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SEMICONDUCTOR WAFER HEAT TREATING JIG
 • BATI DE TRAITEMENT THERMIQUE DE PLAQUETTE A SEMICONDUCTEUR
- (71) SUMITOMO MITSUBISHI SILICON CORPORATION [JP/JP]; 2-1, Shibaura 1-chome, Minato-ku, Tokyo, 1058634 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ADACHI, Naoshi [JP/JP]; c/o Sumitomo Mitsubishi Silicon Corporation, 2-1, Shibaura 1-chome, Minato-ku, Tokyo, 1058634 (JP).
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 (21) PCT/JP2004/004023
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- (74) MORI, Michio; M. Mori Patent Office Amagasaki Building, 17-23, Higashinaniwa-cho 5-chome, Amagasaki-shi, Hyogo, 6600892 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) ja (26) ja
 (30) 2003-080052 24 Mar/mar 2003 JP
 (24.03.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SILICON CARBIDE SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME
 • DISPOSITIF A SEMI-CONDUCTEURS EN CARBURE DE SILICIUM ET PROCEDE DE PRODUCTION ASSOCIE
- (71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku Tokyo, 1008921 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SENZAKI, Junji [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology Tsukuba Central 2, 1-1, Umezono 1-chome Tsukuba-shi Ibaraki, 3058568 (JP).
 FUKUDA, Kenji [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology Tsukuba Central 2, 1-1, Umezono 1-chome Tsukuba-shi Ibaraki, 3058568 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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 (11) WO 2004/090970 (13) A1
 (21) PCT/JP2004/004908
 (22) 5 Apr/avr 2004 (05.04.2004)
 (25) ja (26) ja
 (30) 2003-105794 9 Apr/avr 2003 JP
 (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • WIRING BOARD AND PROCESS FOR PRODUCING THE SAME
 • TABLEAU DE CONNEXIONS ET PROCEDE DE REALISATION
- (71) DAI NIPPON PRINTING CO. LTD. [JP/JP]; 1-1, Ichigaya-kaga-cho 1-chome, Shinjuku-ku, Tokyo, 1628001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MIURA, Yoichi, [JP/JP]; c/o Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-kaga-cho 1-chome, Shinjuku-ku, Tokyo, 1628001 (JP).
- (74) YOSHITAKE, Kenji et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 21/66
- (11) WO 2004/090971 (13) A1
- (21) PCT/KR2003/002416
- (22) 11 Nov/nov 2003 (11.11.2003)
- (25) en (26) en
- (30) 10-2003-0022570 10 Apr/avr 2003 KR (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD OF FABRICATING SEMI-CONDUCTOR PROBE WITH RESISTIVE TIP
- METHODE DE FABRICATION D'UNE SONDE SEMI-CONDUCTRICE PRESENTANT UNE POINTE RESISTIVE
- (71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARK, Hong-Sik [KR/KR]; 303, 107-12 Samjeon-dong, Songpa-gu, 138-840 Seoul (KR). JUNG, Ju-Hwan [KR/KR]; B01 Grandvillage, 381-2 Yangjae-dong, Seocho-gu, 137-130 Seoul (KR). HONG, Seung-Bum [KR/KR]; 507-1305 Hayan Maoul 5-danji Jugong Apt., 110 Gumi-dong, Bundang-gu, Seongnam-city, 463-500 Kyungki-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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/68, 21/02, G05B 19/418
- (11) WO 2004/090972 (13) A1
- (21) PCT/JP2004/004383
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) ja (26) ja
- (30) 2003-099350 2 Apr/avr 2003 JP (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SUBSTRATE PROCESSING SYSTEM, AND METHOD OF CONTROL THEREFOR, CONTROL PROGRAM, AND STORAGE MEDIUM
- SYSTEME POUR TRAITER DES SUBSTRATS, ET PROCEDE POUR COMMANDER LEDIT SYSTEME, PROGRAMME DE COMMANDE ET SUPPORT DE STOCKAGE
- (71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 1078481 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAYASHIDA, Yasushi [JP/JP]; c/o Tokyo Electron Kyushu Limited, Koshi Plant, 1-1, Fukuhara Koshi-machi, Kikuchi-gun, Kumamoto 8611116 (JP). HARA, Yoshitaka [JP/JP]; c/o Tokyo Electron Kyushu Limited, Koshi Plant, 1-1, Fukuhara Koshi-machi, Kikuchi-gun, Kumamoto 8611116 (JP).
- (74) TAKAYAMA, Hiroshi; 6th Floor, Shin-Yokohama IC Building, 18-9, Shin-Yokohama 3-chome, Kohoku-ku, Yokohama-shi, Kanagawa 2220033 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/761, 27/04, 29/06
- (11) WO 2004/090973 (13) A1
- (21) PCT/GB2004/001387
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 0308345.8 11 Apr/avr 2003 GB (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • POWER INTEGRATED CIRCUITS
- CIRCUITS INTEGRES DE PUISSANCE
- (71) POWER ELECTRONICS DESIGN CENTRE [GB/GB]; Faraday Tower, Singleton Park, Swansea SA2 8PP (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STARKE, Thomas [GB/GB]; Faraday Tower, Singleton Park, Swansea SA2 8PP (GB). IGIC, Petar [GB/GB]; Faraday Tower, Singleton Park, Swansea SA2 8PP (GB). HOLLAND, Paul [GB/GB]; Faraday Tower, Singleton Park, Swansea SA2 8PP (GB). JAMAL, Wissam [GB/GB]; Faraday Tower, Singleton Park, Swansea SA2 8PP (GB). HUSSEIN, Shahzad [GB/GB]; Faraday Tower, Singleton Park, Swansea SA2 8PP (GB). MAMBY, Philip [GB/GB]; Faraday Tower, Singleton Park, Swansea SA2 8PP (GB).
- (74) STRACHAN, Victoria, Jane; Urquhart-Dykes & Lord, Alexandra House, Alexandra Road, Swansea SA1 5ED (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ H01L 21/768, 21/316, 21/027
- (11) WO 2004/090974 (13) A1
- (21) PCT/JP2004/005044
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) ja (26) ja
- (30) 2003-104499 8 Apr/avr 2003 JP (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ELECTRONIC DEVICE AND ITS MANUFACTURING METHOD
- DISPOSITIF ELECTRONIQUE ET SA METHODE DE FABRICATION
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP). RENESAS TECHNOLOGY CORP. [JP/JP]; 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1006334 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MATSUMOTO, SusumuSEKIGUCHI, MitsuruNISHIOKA, Yasutaka [JP/JP]; c/o Renesas Technology Corp. 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1006334 (JP). TOMITA, Kazuo [JP/JP]; c/o Renesas Technology Corp. 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1006334 (JP). IWASAKI, AkihisaHASHIMOTO, Keiji [JP/JP]; c/o Renesas Technology Corp. 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1006334 (JP).
- (74) MAEDA, Hiroshi et al. / etc.; Osaka-Marubeni Bldg., 5-7, Honmachi 2-chome, Chuo-ku, Osaka-shi, Osaka 5410053 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01L 21/784, 21/68, 23/367

(11) WO 2004/090975 (13) A1

(21) PCT/IB2004/050365

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 03100944.2 8 Apr/avr 2003 EP
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD OF MANUFACTURING
SEMICONDUCTOR DEVICES

• PROCEDE POUR FABRIQUER DES
DISPOSITIFS SEMI-CONDUCTEURS

(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 NOORT, Wibo, D. [NL/BE]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). DEKKER, Ronald [NL/NL]; c/o Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DUIJVESTIJN, Adrianus, J.; Prof. Holst-
laan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ H01L 23/00

(11) WO 2004/090976 (13) A2

(21) PCT/US2004/010467

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,104 2 Apr/avr 2003 US
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OPTICAL COMMUNICATION BE-
TWEEN FACE-TO-FACE SEMICON-
DUCTOR CHIPS

• COMMUNICATION OPTIQUE ENTRE
DES PUCES A SEMI-CONDUCTEUR
FACE A FACE

(71) SUN MICROSYSTEMS, INC. [US/US];
4150 Network Circle, Santa Clara, CA 95054
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DROST, Robert, J. [US/US]; 112 Mon-
telena Court, Mountain View, CA 94040
(US). COATES, William, S. [US/US];
18371 Las Cumbres Road, Los Gatos, CA
95033 (US).

(74) PARK, A., Richard; Suite 201, 508 Second
Street, Davis, CA 95616 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01L 23/31, 23/373, 23/495

(11) WO 2004/090977 (13) A1

(21) PCT/EP2004/003750

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 103 16 136.8 9 Apr/avr 2003 DE
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ENCAPSULATED POWER SEMICON-
DUCTOR ASSEMBLY

• ENSEMBLE SEMI-CONDUCTEUR DE
PUISSANCE ENCAPSULE

(71) IXYS SEMICONDUCTOR GMBH
[DE/DE]; Edisonstrasse 15, 68623 Lam-
pertheim (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LINDEMANN, Andreas [DE/DE];
Martin-Kärcher-Strasse 30, 68623 Lam-
pertheim (DE).

(74) OPPERMANN, Frank et al. / etc.; John-F.-
Kennedy-Strasse 4, 65189 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01L 23/544

(11) WO 2004/090978 (13) A2

(21) PCT/GB2004/001533

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 0308082.7 8 Apr/avr 2003 GB
(08.04.2003)

(30) 0308086.8 8 Apr/avr 2003 GB
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OVERLAY METROLOGY MARK

• MARQUE POUR LA METROLOGIE
PAR SUPERPOSITION

(71) AOTI OPERATING COMPANY, INC.
[US/US]; 131 NW Hawthorne Avenue, Suite
207, Bend, OR 97701 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SMITH, Nigel, Peter [GB/GB]; Accent
Optical Technologies, Haxby Road, York
YO31 8SD (GB). HAMMOND, Michael,
John [GB/GB]; Accent Optical Technolo-
gies, Haxby Road, York YO31 8SD (GB).

(74) NOVAGRAAF PATENTS LIMITED; The
Crescent, 54 Blossom Street, York YO24 1AP
(GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01L 23/544

(11) WO 2004/090979 (13) A2

(21) PCT/GB2004/001536

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 0308086.8 8 Apr/avr 2003 GB
(08.04.2003)

(30) 0308180.9 9 Apr/avr 2003 GB
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OVERLAY METROLOGY MARK

- REPERE DE MESURE DE SUPERPOSITION
- (71) AOTI OPERATING COMPANY, INC [US/US]; 131 NW Hawthorne Avenue, Suite 207, Bend, OR 97701 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SMITH, Nigel, Peter [GB/—]; Accent Optical Technologies, Haxby Road, York YO31 8SD (GB). HAMMOND, Michael, John [GB/GB]; Accent Optical Technologies, Haxby Road, York YO31 8SD (GB).
- (74) NOVAGRAAF PATENTS LIMITED; The Crescent, 54 Blossom Street, York YO24 1AP (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01L 23/544
- (11) WO 2004/090980 (13) A2
- (21) PCT/GB2004/001577
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 0308085.0 8 Apr/avr 2003 GB (08.04.2003)
- (30) 0308086.8 8 Apr/avr 2003 GB (08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • OVERLAY METROLOGY MARK
• MARQUE DE METROLOGIE DU POSITIONNEMENT DES MASQUES
- (71) AOTI OPERATING COMPANY, INC. [US/US]; 131 NW Hawthorne Avenue, Suite 207, Bend, OR 97701 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAMMOND, Michael, John [GB/GB]; Accent Optical Technologies, Haxby Road, York YO31 8SD (GB). KAISER, Gregory, Allyn [US/US]; Accent Optical Technologies, Haxby Road, York YO31 8SD (GB). SMITH, Nigel, Peter [GB/GB]; Accent Optical Technologies, Haxby Road, York YO31 8SD (GB).
- (74) NOVAGRAAF PATENTS LIMITED; The Crescent, 54 Blossom Street, York YO24 1AP (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ H01L 27/04
- (11) WO 2004/090982 (13) A1
- (21) PCT/JP2004/004881
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) ja (26) ja
- (30) 2003-101251 4 Apr/avr 2003 JP (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • BATTERY-MOUNTED INTEGRATED CIRCUIT DEVICE
• DISPOSITIF DE CIRCUIT INTEGRE COMPORTANT UNE BATTERIE
- (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) MINO, Shinji/ISHII, Hironori/UGAJI, Masaya/SHIBANO, Yasuyuki
- (74) ISHII, Kazuo et al. / etc.; Kitahama-Yamamoto Building 3-6, 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 27/088
- (11) WO 2004/090983 (13) A1
- (21) PCT/JP2003/004326
- (22) 4 Apr/avr 2003 (04.04.2003)
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SEMICONDUCTOR DEVICE AND PRODUCTION METHOD THEREFOR
• DISPOSITIF A SEMI-CONDUCTEUR ET SON PROCEDE DE PRODUCTION
- (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) ASANO, Masayoshi [JP/JP]; c/o FUJITSU VLSI LIMITED, 1844-2, Kozoji-cho 2-chome, Kasugai-shi, Aichi 487-0013 (JP). NOMURA, Toshio [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). EMA, Taiji [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) TAKAHASHI, Keishiro; TAKAHASHI & KITAYAMA, 4th Fl., Okachimachi Tohsei Bldg., 3-12-1, Taito, Taito-ku, Tokyo 110-0016 (JP).
- (81) JP US.
-
- (51)⁷ H01L 27/10, G11C 13/00, H01L 45/00
- (11) WO 2004/090984 (13) A1
- (21) PCT/JP2003/004275

- (22) 3 Apr/avr 2003 (03.04.2003)
- (25) en (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PHASE CHANGE MEMORY DEVICE
• DISPOSITIF DE MEMOIRE A CHANGEMENT DE PHASE
- (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) TODA, Haruki [JP/JP]; 105,111-1, Nishitakenomaru, Naka-ku, Yokohama-shi, Kanagawa 231-0852 (JP).
- (74) ITAMI, Masaru; 301, Daini-Seikoh Bldg., 2-11, Kudan-kita 4-chome, Chiyoda-ku, Tokyo 102-0073 (JP).
- (81) CN JP KR US.
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- (51)⁷ H01L 27/105
- (11) WO 2004/090985 (13) A1
- (21) PCT/JP2003/004264
- (22) 3 Apr/avr 2003 (03.04.2003)
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROCESS FOR PRODUCING SEMICONDUCTOR DEVICE
• PROCEDE DE PRODUCTION DE DISPOSITIF A SEMI-CONDUCTEUR
- (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) OZAKI, Yasutaka [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). YOKOTA, Tatsuya [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). OHYAGI, Nobutaka [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) KOKUBUN, Takayoshi; 5th Floor, Ikebukuro TG Homest Building, 17-8, Higashi-Ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL SJ SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 27/12, 21/02
- (11) WO 2004/090986 (13) A1
- (21) PCT/JP2004/004886
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) ja (26) ja
- (30) 2003-099541 2 Apr/avr 2003 JP (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • LAMINATED SEMICONDUCTOR SUBSTRATE AND PROCESS FOR PRODUCING THE SAME
• SUBSTRAT SEMI-CONDUCTEUR STRATIFIE ET PROCEDE DE PRODUCTION ASSOCIE
- (71) SUMITOMO MITSUBISHI SILICON CORPORATION [JP/JP]; 2-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8634 (JP). HANYANG HAK WON CO. LTD. [KR/KR]; 17, Haengdang 1-dong, Seongdong-gu, Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAMIYAMA, Eiji [JP/JP]; c/o Sumitomo Mitsubishi Silicon Corporation, 2-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8634 (JP). KATOH, Takeo [JP/JP]; c/o Sumitomo Mitsubishi Silicon Corporation, 2-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8634 (JP). PARK, Jea, Gun [KR/KR]; c/o Hanyang Hak Won Co., Ltd., 17, Haengdang 1-dong, Seongdong-gu, Seoul (KR).
- (74) ABE, Itsurou; Gibraltar Seimei Kyomachi BLDG. 80A, 14-8, Kyoumachi 3-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-0002 (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 29/32
- (11) WO 2004/090987 (13) A1
- (21) PCT/EP2004/003321
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) de (26) de
- (30) 103 16 222.4 9 Apr/avr 2003 DE (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SEMICONDUCTOR COMPONENT AND METHOD FOR PRODUCING THE SAME
• COMPOSANT A SEMI-CONDUCTEURS ET PROCEDE DE PRODUCTION DE CE COMPOSANT
- (71) EUPEC EUROPÄISCHE GESELLSCHAFT FÜR LEITUNGSHALBLEITER MBH [DE/DE]; Max-Planck-strasse 5, 59581 Warstein (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARTHELMESS, Reiner [DE/DE]; Westenhellweg 25, 59494 Soest (DE). SCHULZE, Hans-Joachim [DE/DE]; Ottostrasse 60f, 85521 Ottobrunn (DE).
- (74) BICKEL, Michael; Westphal, Mussgnug & Partner, Mozartstrasse 8, 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 29/732, 29/737, 21/331, 29/06
- (11) WO 2004/090988 (13) A1
- (21) PCT/EP2004/003805
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) de (26) de
- (30) 103 16 529.0 10 Apr/avr 2003 DE (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD FOR THE PRODUCTION OF A BIPOLAR SEMICONDUCTOR ELEMENT, ESPECIALLY A BIPOLAR TRANSISTOR, AND CORRESPONDING BIPOLAR SEMICONDUCTOR COMPONENT
• PROCEDE DE PRODUCTION D'UN COMPOSANT A SEMI-CONDUCTEUR BIPOLAIRE, EN PARTICULIER D'UN TRANSISTOR BIPOLAIRE, ET COMPOSANT A SEMI-CONDUCTEUR BIPOLAIRE CORRESPONDANT
- (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) BOECK, Josef [DE/DE]; Hugo-Weiss-Strasse 13, 81827 München (DE). MEISTER, Thomas [DE/DE]; Schlesierstrasse 15, 82024 Taufkirchen (DE). STENGL, Reinhard [DE/DE]; Bergstrasse 3, 86391 Stadtbergen (DE). SCHAEFER, Herbert [DE/DE]; Altlaufstrasse 15, 85635 Höhenkirchen-Siegertsbrunn (DE).
- (74) BARTH, Stephan et al. / etc.; Reinhard, Skuhra, Weise & Partner GbR, Friedrichstr. 31, 80801 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ H01L 29/737, 29/08

(11) WO 2004/090989 (13) A1

(21) PCT/EP2004/003124

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 16 531.2 10 Apr/avr 2003 DE
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BIPOLAR TRANSISTOR
• TRANSISTOR BIPOLAIRE

(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) BÖCK, Josef [DE/DE]; Hugo-Weiss-
Strasse 13, 81827 München (DE). MEIS-
TER, Thomas [DE/DE]; Schlesierstrasse
15, 82024 Taufkirchen (DE). STENGL,
Reinhard [DE/DE]; Bergstrasse 3, 86391
Stadtbergen (DE). SCHÄFER, Her-
bert [DE/DE]; Altdaufstrasse 15, 85635
Höhenkirchen-Siegertsbrunn (DE).

(74) BARTH, Stephan; Patentanwälte Reinhard
Skuhra Weise & Partner GbR, Friedrich-
strasse 31, 80801 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01L 29/74

(11) WO 2004/090990 (13) A1

(21) PCT/JP2004/005046

(22) 7 Apr/avr 2004 (07.04.2004)

(25) ja (26) ja

(30) 2003-105650 9 Apr/avr 2003 JP
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • GATE TURN-OFF THYRISTOR
• THYRISTOR D'ARRET DE PORTE

(71) THE KANSAI ELECTRIC POWER CO.
INC. [JP/JP]; 3-22, Nakanoshima 3-chome,
Kita-ku, Osaka-shi, Osaka, 5308270 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ASANO, Katsunori [JP/JP]; c/o The
Kansai Electric Power Co., Inc., 3-22,
Nakanoshima 3-chome, Kita-ku, Osaka-shi,

Osaka, 5308270 (JP). SUGAWARA, Yoshi-
taka [JP/JP]; c/o The Kansai Electric Power
Co., Inc., 3-22, Nakanoshima 3-chome,
Kita-ku, Osaka-shi, Osaka, 5308270 (JP).

(74) OHIRA, Satoru et al. / etc.; HIGASHIMA
PATENT OFFICE, Daiko Building, 2-14,
Umeda 3-chome, Kita-ku, Osaka-shi, Osaka,
5300001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 29/78, 21/336, 21/318

(11) WO 2004/090991 (13) A1

(21) PCT/JP2004/004700

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-100170 3 Apr/avr 2003 JP
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SEMICONDUCTOR DEVICE AND
PROCESS FOR FABRICATING THE
SAME
• DISPOSITIF A SEMI-CONDUCTEUR
ET PROCEDE DE FABRICATION DE
CE DERNIER

(71) TOKYO ELECTRON LIMITED [JP/JP];
3-6, Akasaka 5-Chome, Minato-Ku, Tokyo,
1078481 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) OHMI, Tadahiro [JP/JP]; 1-17-301,
Komegafukuro 2-Chome, Aoba-Ku,
Sendai-Shi, Miyagi, 9800813 (JP).

(72, 75) TERAMOTO, Akinobu [JP/JP];
1-22-K6, Heisei 1-Chome, Miyagino-Ku,
Sendai-Shi, Miyagi, 9800037 (JP). WAKA-
MATSU, Hidetoshi [JP/JP]; 6-18-401,
Tenjinzawa 1-Chome, Izumi-Ku, Sendai-Shi,
Miyagi, 9813105 (JP). KOBAYASHI, Yasuo
[JP/JP]; c/o TOKYO ELECTRON LIMITED,
650, Mitsuzawa, Hosaka-Cho, Nirasaki-Shi,
Yamanashi, 4070192 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Gar-
den Place Tower, 20-3, Ebisu 4-chome,
Shibuya-ku, Tokyo, 1506032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01L 29/786, 21/336, 29/78

(11) WO 2004/090992 (13) A1

(21) PCT/JP2004/005145

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ja (26) ja

(30) 2003-105109 9 Apr/avr 2003 JP
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • VERTICAL MISFET SEMICONDUCTOR
DEVICE HAVING HIGH MOBIL-
ITY SILICON CHANNEL
• DISPOSITIF A SEMI-CONDUCTEUR
MISFET VERTICAL, COMPORTANT
UN CANAL DE SILICIUM A MOBI-
LITE ELEVEE

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba
5-chome, Minato-ku, Tokyo 1088001 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WAKABAYASHI, Hitoshi [JP/JP]; c/o
NEC Corporation, 7-1, Shiba 5-chome, Mi-
nato-ku, Tokyo 1088001 (JP). YAMAGAMI,
Shigeharu [JP/JP]; c/o NEC Corporation,
7-1, Shiba 5-chome, Minato-ku, Tokyo
1088001 (JP).

(74) MIYAZAKI, Teruo et al. / etc.; 8th Floor,
16th Kowa Bldg., 9-20, Akasaka 1-chome,
Minato-ku, Tokyo 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01L 31/00

(11) WO 2004/090993 (13) A2

(21) PCT/FR2004/000820

(22) 1 Apr/avr 2004 (01.04.2004)

(25) fr (26) fr

(30) 03/04087 2 Apr/avr 2003 FR
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PHOTOVOLTAIC PANEL WHICH IS
SECURE AGAINST THEFT
• PANNEAU PHOTOVOLTAIQUE SECU-
RISE CONTRE LE VOL

(71) ELECTRICITE DE FRANCE (Service
National) [FR/FR]; 22-30 Avenue de Wa-
gram, F-75008 Paris (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ALZIEU, Jean [FR/FR]; 8, rue Madame, F-77250 Moret sur Loing (FR). SCHWEITZ, Guy [FR/FR]; 27, rue Saint Victor Villemaugis, F-77940 Blennes (FR). TORCHEUX, Laurent [FR/FR]; 24, Avenue des rosiers, F-91800 Brunoy (FR).

(74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01L 31/02, 31/09, 31/08, 27/144, G01S 17/06

(11) WO 2004/090994 (13) A1

(21) PCT/JP2004/004741

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 2003-103245 7 Apr/avr 2003 JP (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LIGHT RECEIVING DEVICE WITH CONTROLLABLE SENSITIVITY AND SPATIAL INFORMATION DETECTING APPARATUS USING THE SAME

• PHOTORECEPTEUR A SENSIBILITE REGLABLE ET DETECTEUR D'INFORMATIONS SPATIALES L'UTILISANT

(71) MATSUSHITA ELECTRIC WORKS LTD. [JP/JP]; 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASHIMOTO, Yusuke, [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). TAKADA, Yuji, [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). KURIHARA, Fumikazu, [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP).

(74) NISHIKAWA, Yoshikiyo, et al. / etc.; c/o Hokuto Patent Attorneys Office Umeda-Dai-ichiseimei Bldg. 5th Floor, 12-17, Umeda 1-chome, Kita-ku, Osaka-shi, Osaka, 5300001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ

TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 31/072, 31/032

(11) WO 2004/090995 (13) A1

(21) PCT/JP2004/005125

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ja (26) ja

(30) 2003-105752 9 Apr/avr 2003 JP (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SOLAR CELL

• CELLULE SOLAIRE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SATOH, Takuya; NEGAMI, Takayuki; HASHIMOTO, Yasuhiro

(74) IKEUCHI SATO & PARTNER PATENT ATTORNEYS; 26th Floor, OAP TOWER, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka, 5306026 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 31/115, 31/119, 29/786, 27/14, 27/148, G01T 1/24, G09G 3/00

(11) WO 2004/090996 (13) A1

(21) PCT/KR2004/000718

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10-2003-0021629 7 Apr/avr 2003 KR (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ARRAY PANEL FOR A DIGITAL X-RAY DETECTOR AND METHOD OF MANUFACTURING THE ARRAY PANEL

• FLAN DE RESEAU POUR DETECTEUR DE RAYONS X NUMERIQUE, ET PROCEDE DE FABRICATION DU PANNEAU

(71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHOO, Kyo-Seop [KR/KR]; 130-306 Hwanggolmaeul Jugong 1danji Apt., Yeongtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-739 (KR). JEON, Jin [KR/KR]; 202-602 Saemmaeul Ssangyong Apt., Galsan-dong, Dongan-gu, Anyang-si, Gyeonggi-do 431-702 (KR). SONG, Jun-Ho [KR/KR]; 708-2301 Topmaeul Gyeongnam Apt., Yatap-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-070 (KR).

(74) PARK, Young-Woo; 5F., Seil Building, 727-13 Yoksam-dong, Gangnam-gu, Seoul 135-921 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01L 33/00, G09G 3/20, 3/34, 3/36, H05B 37/02

(11) WO 2004/090997 (13) A1

(21) PCT/JP2004/004313

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-098486 1 Apr/avr 2003 JP (01.04.2003)

(30) 2003-098487 1 Apr/avr 2003 JP (01.04.2003)

(30) 2003-098489 1 Apr/avr 2003 JP (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LED DRIVE DEVICE AND LED DRIVE METHOD

• DISPOSITIF ET PROCEDE D'EXCITATION DE DIODES ELECTROLUMINESCENTES

(71) HUNET INC. [JP/JP]; 2-20-7, Oji, Kita-ku Tokyo, 1140002 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) OZAKI, Yutaka

(74) WASHIDA, Kimihito; Shintoshicenter Bldg. 5th Floor, 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo, 2060034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 35/00

(11) WO 2004/090998 (13) A2

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(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 10/411,320 11 Apr/avr 2003 US (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PB-GE-TE-COMPOUNDS FOR THERMOELECTRIC GENERATORS OR PELTIER ARRANGEMENTS

• COMPOSES PB-GE-TE- POUR GENERATEURS THERMOELECTRIQUES OU DISPOSITIFS A EFFET PELTIER

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE). MICHIGAN STATE UNIVERSITY [US/US]; East Lansing, MI 48824 (US).

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(74) ISENBRUCK, Günter; Isenbruck Bösl Hörschler Wichmann Huhn, Theodor-Heuss-Anlage 12, 68165 Mannheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 41/02, 41/053, 41/09

(11) WO 2004/090999 (13) A1

(21) PCT/US2004/010450

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,548 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • APPARATUS AND PROCESS FOR OPTIMIZING WORK FROM A SMART MATERIAL ACTUATOR PRODUCT

• APPAREIL ET PROCESSUS D'OPTIMISATION DU TRAVAIL A PARTIR D'UN DISPOSITIF DE COMMANDE MATERIEL INTELLIGENT

(71) VIKING TECHNOLOGIES, L.C. [US/US]; 1500 Independence Blvd., Sarasota, FL 34234 (US).

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(72) MOLER, Jeff; 1500 Independence Blvd., Sarasota, FL 34234 (US). BUGEL, John; 10601 Younker Drive, Largo, FL 33774 (US). THORNHILL, Keith, A.; 6011 Medici Court, Apt #205, Sarasota, FL 34234 (US). OUDSHOORN, Mark, P.; 18302 Gray Wolf Court, Parrish, FL 34219 (US).

(74) HELMHOLDT, Thomas, D.; Young & Basile, P.C., Suite 624, 3001 West Big Beaver Road, Troy, MI 48084 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01L 51/20, H05B 33/12

(11) WO 2004/091000 (13) A2

(21) PCT/EP2004/050475

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 0308161.9 9 Apr/avr 2003 GB (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SEGMENTED ELECTROLUMINESCENT PANEL

• PANNEAU ELECTROLUMINESCENT SEGMENTE

(71, 72) GUSTAR, Robert [GB/GB]; c/o One2See Limited, Unit 5a, Watchmoor Trade Centre, Watchmoor Road, Camberley, Surrey GU15 3AJ (GB). WALTER, Mark [GB/GB]; Southgate, 2 Pitt Road, Epsom, Surrey KT17 4ET (GB). BOBECKYJ, Mike [GB/GB]; 14 Burne-Jones Drive, College Farm, Sandhurst, Berkshire GU47 0FS (GB).

(74) TALBOT-PONSONBY, Daniel, Frederick; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford, Oxfordshire OX4 2RU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 51/20

(11) WO 2004/091001 (13) A1

(21) PCT/JP2004/004710

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 2003-098010 1 Apr/avr 2003 JP (01.04.2003)

(30) 2003-098086 1 Apr/avr 2003 JP (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ORGANIC SEMICONDUCTOR DEVICE

• DISPOSITIF A SEMI-CONDUCTEUR ORGANIQUE

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP).

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(72, 75) KUBOTA, Makoto [JP/JP]; c/o CANON KABUSHIKI KAISHA 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). MIYAZAKI, Hajime [JP/JP]; c/o CANON KABUSHIKI KAISHA 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). NAKAYAMA, Tomonari [JP/JP]; c/o CANON KABUSHIKI KAISHA 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP).

(74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 100-0005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01M

(11) WO 2004/091002 (13) A2

(21) PCT/US2004/010125

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/407,258 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FLUID BALANCE CONTROL SYSTEM FOR USE IN A FUEL PROCESSOR

• SYSTEME DE REGULATION D'EQUILIBRE DE FLUIDE A UTILISER DANS UN CONVERTISSEUR DE COMBUSTIBLE

(71) TEXACO DEVELOPMENT CORPORATION [US/US]; 6001 Bollinger Canyon

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(71, 72) NGUYEN, Kevin, H. [US/US]; 1623 Morning Dew Place, Missouri City, TX 77459 (US). WHEAT, William, S. [US/US]; 3413 Crosby Landing, Missouri City, TX 77459 (US). MIRKOVIC, Vesna, R. [YU/US]; 2201 Land Street, Pearland, TX 77584 (US).

(74) TURNER, Franck, C. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M

(11) WO 2004/091003 (13) A2

(21) PCT/US2004/010246

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/408,055 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TRANSPORTABLE FUEL CELL GENERATOR
• GENERATRICE A PILES A COMBUSTIBLE TRANSPORTABLE

(71) QUANTUM TECHNOLOGIES, INC. [US/US]; 17872 Cartwright Road, Irvine, California 92614 (US).

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(72, 75) NIEDZWIIECKI, Alan [CA/US]; 17872 Cartwright Road, Irvine, California 92614 (US). SIROSH, Neel [CA/US]; 17872 Cartwright Road, Irvine, California 92614 (US). ABELE, Andris, R. [US/US]; 17872 Cartwright Road, Irvine, California 92614 (US).

(74) KRIETZMAN, Mark et al. / etc.; GREENBERG TRAUIG LLP, 2450 Colorado Avenue, Suite 400E, Santa Monica, California 90404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01M

(11) WO 2004/091004 (13) A2

(21) PCT/US2004/009759

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/407,609 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MEA WITH CATALYST FOR OXIDATION OF CARBON MONOXIDE

• ENSEMBLE MEMBRANE-ELECTRODE A CATALYSEUR D'OXYDATION DU MONOXYDE DE CARBONE

(63) US 10/407,609 (CON) 4 Apr/avr 2003 (04.04.2003)

(71) GENERAL MOTORS CORPORATION [US/US]; 300 Renaissance Center, Mail Code 482-C23-B21, P.O. Box 300, Detroit, MI 48265-3000 (US).

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(72, 75) YAN, Susan, G. [US/US]; 17 Anglewood Court, Fairport, NY 14450 (US). GASTEIGER, Hubert, A. [US/US]; 61 Marshall Street, Apt. #1, Rochester, NY 14607 (US).

(74) DESCHERE, Linda, M. et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfields Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ H01M

(11) WO 2004/091005 (13) A2

(21) PCT/US2004/009782

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/459,866 1 Apr/avr 2003 US (01.04.2003)

(30) 10/810,960 25 Mar/mar 2004 US (25.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OXIDANT-ENRICHED FUEL CELL SYSTEM

• SYSTEME DE PILE A COMBUSTIBLE ENRICHI EN OXYDANT

(71) IDATECH, LLC [US/US]; 63160 Britta Street, Bend, OR 97701 (US).

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(72, 75) EDLUND, David, J. [US/US]; 1698 Davenport, Bend, OR 97701 (US). LAVEN, Arne [US/US]; 2542 N.E., Keates, Bend, OR 97701 (US). PLEDGER, William, A. [US/US]; 66925 Ten Peaks Court, Bend, OR 97701 (US). RENN, Curtiss [US/US]; 2342 N.E., Shepard, Bend, OR 97701 (US).

(74) D'ASCENZO, David, S.; Kolisch, Hartwell, P.C., 520 S.W. Yamhill Street, Suite 200, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M

(11) WO 2004/091006 (13) A2

(21) PCT/US2004/009858

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/405,330 2 Apr/avr 2003 US (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ZINC/AIR CELL ASSEMBLY

• MONTAGE DE PILE ZINC/AIR

(63) US 10/405,330 (CON) 2 Apr/avr 2003 (02.04.2003)

(71) THE GILLETTE COMPANY [US/US]; Prudential Tower Building, Boston, MA 02199 (US).

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(72, 75) BUCKLE, Keith [GB/US]; 108 Amos White Road, Southbury, CT 06488 (US).

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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M

(11) WO 2004/091007 (13) A2

(21) PCT/US2004/009912

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/407,876 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • INTEGRATED FUEL PROCESSOR APPARATUS AND ENCLOSURE AND METHODS OF USING SAME

- APPAREIL CONVERTISSEUR DE COMBUSTIBLE INTEGRE ET ENVELOPPE ET PROCEDES D'UTILISATION ASSOCIES

(71) TEXACO DEVELOPMENT CORPORATION [US/US]; 6001 Bollinger Canyon Road, 3rd Floor, San Ramon, CA 94583 (US).

(71, 72) WHEAT, William, S. [US/US]; 3413 Crosby Landing, Missouri City, TX 77459 (US). BUNK, Kenneth, J. [US/US]; 975 Rustling Oaks Drive, Millersville, MD 21108 (US). WORSLEY, Ralph, S. [CA/CA]; 1102 Clarke Road, Brentwood Bay, British Columbia V8M 1C7 (CA).

(74) TURNER, Frank, C. et al. / etc.; Chevron-Texaco Corporation, Law Department, P.O. Box 6006, San Ramon, CA 94583-0806 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M

(11) WO 2004/091008 (13) A2

(21) PCT/US2004/009913

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/407,316 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PORTABLE FUEL PROCESS APPARATUS AND ENCLOSURE AND METHOD OF INSTALLING SAME

- APPAREIL DE CONVERSION DE COMBUSTIBLE PORTATIF ET ENCEINTE ET PROCEDE D'INSTALLATION CORRESPONDANT

(71) TEXACO DEVELOPMENT CORPORATION [US/US]; 6001 Bollinger Canyon Road, 3rd Floor, San Ramon, CA 94583 (US).

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(71, 72) WHEAT, William, S. [US/US]; 3413 Crosby Landing, Missouri City, TX 77459 (US). STEVENS, James, F. [US/US]; 22111 Crossbrook Dr., Katy, TX 77450 (US). KRAUSE, Curtis, L. [US/US]; 15802 Lakecliff Drive, Houston, TX 77095 (US). HEDGES, Jefferey, A. [US/US]; 5135 Harris Woods Trace, Fulshear, TX 77441 (US). POW, Ric, G. [CA/CA]; 4569 W. 5th Avenue, Vancouver, British Columbia V6R 1S6 (CA).

(74) TURNER, Frank, C. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M

(11) WO 2004/091009 (13) A2

(21) PCT/US2004/009914

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/407,257 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND APPARATUS FOR BURST DISK IDENTIFICATION

- PROCEDE ET APPAREIL D'IDENTIFICATION DE DISQUE DE SECURITE

(71) TEXACO DEVELOPMENT CORPORATION [US/US]; 6001 Bollinger Canyon Road, 3rd Floor, San Ramon, CA 94583 (US).

(71, 72) WHEAT, William, S. [US/US]; 3413 Crosby Landing, Missouri City, TX 77459 (US). MIRKOVIC, Vesna, R. [YU/US]; 2201 Land Street, Pearland, TX 77584 (US). WORSLEY, Ralph, S. [CA/CA]; 1102 Clarke Road, Brentwood Bay, British Columbia V8M 1C7 (CA).

(74) TURNER, Frank, C. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 2/02, 12/06

(11) WO 2004/091010 (13) A1

(21) PCT/US2004/009856

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/405,551 2 Apr/avr 2003 US (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ZINC/AIR CELL

- PILE ZINC-AIR

(71) THE GILLETTE COMPANY [US/US]; Prudential Tower Building, Boston, MA 02199 (US).

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(74) GALLOWAY, Peter, D. et al. / etc.; Ladass & Parry, 26 West 61st Street, New York, NY 10023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2/02, 12/06

(11) WO 2004/091011 (13) A1

(21) PCT/US2004/009857

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/405,430 2 Apr/avr 2003 US (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ZINC/AIR CELL

• PILE ZINC/AIR

(63) US 10/405,430 (CON)
2 Apr/avr 2003 (02.04.2003)

(71) THE GILLETTE COMPANY [US/US]; Prudential Tower Building, Boston, MA 02199 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BUCKLE, Keith [GB/US]; 108 Amos White Road, Southbury, CT 06488 (US).

(74) GALLOWAY, Peter, D. et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01M 2/10, H02J 7/00, H04M 1/02, H02J 9/00

(11) WO 2004/091012 (13) A1

(21) PCT/JP2004/005126

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ja (26) ja

(30) 2003/106110 10 Apr/avr 2003 JP
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AUXILIARY POWER SUPPLY
• ALIMENTATION AUXILIAIRE

(71) TOKAI CORPORATION [JP/JP]; 48-3, Sasazuka 1-chome, Shibuya-ku, Tokyo 151-0073 (JP).
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(72, 75) KASHOJI, Yoshihiro [JP/JP]; c/o Main Factory, Tokai Corporation, 3-4, Shimohara, Subashiri, Oyama-cho, Sunto-gun, Shizuoka 410-1431 (JP). SAWAGUCHI, Jiro [JP/JP]; c/o Main Factory, Tokai Corporation, 3-4, Shimohara, Subashiri, Oyama-cho, Sunto-gun, Shizuoka 410-1431 (JP). SERIZAWA, Nobuyuki [JP/JP]; c/o Main Factory, Tokai Corporation, 3-4, Shimohara, Subashiri, Oyama-cho, Sunto-gun, Shizuoka 410-1431 (JP).

(74) YANAGIDA, Masashi et al. / etc.; Yanagida & Associates, 7F, Shin-Yokohama KS Bldg., 3-18-3, Shin-Yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 2/12, 2/34, 10/40

(11) WO 2004/091013 (13) A1

(21) PCT/JP2004/004846

(22) 2 Apr/avr 2004 (02.04.2004)

(25) ja (26) ja

(30) 2003-102021 4 Apr/avr 2003 JP
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NONAQUEOUS ELECTROLYTIC SECONDARY BATTERY

• BATTERIE SECONDAIRE ELECTROLYTIQUE NON AQUEUSE

(71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo, 1058001 (JP).
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(72, 75) SATO, Yuuichi [JP/JP]KURATA, Ken-gou [JP/JP]HAYASHIDA, Hirota [JP/JP]

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 1000013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 2/16, B32B 27/32

(11) WO 2004/091014 (13) A1

(21) PCT/JP2004/004801

(22) 1 Apr/avr 2004 (01.04.2004)

(25) ja (26) ja

(30) 2003-104804 9 Apr/avr 2003 JP
(09.04.2003)

(30) 2004-27681 4 Feb/fév 2004 JP
(04.02.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ADHESIVE-CARRYING POROUS FILM FOR CELL SEPARATOR AND ITS APPLICATION

• FILM POREUX PORTANT UN ADHESIF POUR SEPARATEUR DE CELLULES ET SON APPLICATION

(71) NITTO DENKO CORPORATION [JP/JP]; 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka 567-8680 (JP).
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(72, 75) ICHIKAWA, Tomoaki [JP/JP]; c/o Nitto Denko Corporation, 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka 567-8680 (JP). KII, Keisuke [JP/JP]; c/o Nitto Denko Corporation, 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka 567-8680 (JP). UETANI, Yoshihiro [JP/JP]; c/o Nitto Denko Corporation, 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka 567-8680 (JP). YAMAMOTO, Kazushige [JP/JP]; c/o Nitto Denko Corporation, 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka 567-8680 (JP). SATSUMA, Michio [JP/JP]; c/o Nitto Denko Corporation, 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka 567-8680 (JP). YAMAGUCHI, Mutsuko [JP/JP]; c/o Nitto Denko Corporation, 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka 567-8680 (JP).

(74) MAKINO, Itsuro; Family Sangyo Daisan Building, 3-3, Showacho 2-chome, Abeno-ku, Osaka-shi, Osaka 545-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 4/02, 4/62, 2/16, 2/02, 8/02, 8/10, C02F 1/461, H01G 9/04, H05K 9/00, H01R 13/648

(11) WO 2004/091015 (13) A1

(21) PCT/GB2004/001571

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 0308135.3 9 Apr/avr 2003 GB
(09.04.2003)

(30) 0329836.1 23 Dec/déc 2003 GB
(23.12.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONDUCTIVE POLYMER, CONDUCTIVE POLYMER COMPOSITIONS AND THEIR USE

• POLYMERES CONDUCTEUR, COMPOSITIONS A BASE DE POLYMERES CONDUCTEURS ET LEUR UTILISATION

(71, 72) MURRAY, Graham, Simpson [GB/GB]; 27 Stubbington Way, Fair Oak, Eastleigh, Hampshire SO50 7LQ (GB).

(72, 75) CAMPBELL, Sheelagh, Anne [GB/GB]; Centre for Chemistry, School of Pharmacy and Biomedical Sciences, University of Portsmouth, Hampshire, Portsmouth PO1 2DT (GB). GILLARD, Stephen, Paul [GB/GB]; 39 Sea Crest Road, Lee On The Solent, Hampshire PO13 8HH (GB).

(74) PEEL, James, Peter; Barker Brettell, 10-12 Priests Bridge, London SW15 5JE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ H01M 4/50

(11) WO 2004/091016 (13) A1

(21) PCT/KR2004/000786

(22) 6 Apr/avr 2004 (06.04.2004)

(25) ko (26) en

(30) 10-2003-0022429 9 Apr/avr 2003 KR
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • CATHODE ACTIVE MATERIAL COM-
PRISING ADDITIVE FOR IMPROVING
OVERDISCHARGE-PERFORMANCE
AND LITHIUM SECONDARY BAT-
TERY USING THE SAME

• MATIERE ACTIVE POUR CATHODE
COMPORTANT UN ADDITIF PER-
METTANT D'AMELIORER LES CA-
RACTERISTIQUES DE DECHARGE
EXCESSIVE ET ACCUMULATEUR
AU LITHIUM METTANT EN OEUVRE
LADITE MATIERE

- (71) LG CHEM LTD. [KR/KR]; LG Twin Tower
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- (72, 75) LEE, Jae-Hyun [KR/KR]; 102-1401,
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Apartment, Kimryangjang-dong, Yon-
gin-si, Gyeonggi-do 449-846 (KR). RYU,
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Jun-Yong [KR/KR]; 107-408, Hanbat Gar-
den Apartment, Sansung-dong, Chung-gu,
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ryong-dong, Yuseong-gu, Daejeon 305-340
(KR). AHN, Soon-Ho [KR/KR]; 109-1004,
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sung-dong, Yuseong-gu, Daejeon 305-707
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- (74) KIM, Seong-Ki; 14F., Kukdong Building,
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100-705 (KR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01M 4/60

(11) WO 2004/091017 (13) A1

(21) PCT/KR2004/000765

(22) 2 Apr/avr 2004 (02.04.2004)

(25) ko (26) en

(30) 10-2003-0021680 7 Apr/avr 2003 KR
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • THE CONSTITUTION OF THE DIS-
PERSANT IN THE PREPARATION OF
THE ELECTRODE ACTIVE MATE-
RIAL SLURRY AND THE USE OF THE
DISPERSANT

• CONSTITUTION DE DISPERSANT
DANS LA PREPARATION D'UNE SUS-
PENSION DE MATIERE ACTIVE POUR
ELECTRODE ET UTILISATION DUDIT
DISPERSANT

- (71) LG CHEM LTD. [KR/KR]; LG Twin Tower
20, Yoido-dong, Youngdungpo-gu, 150-721
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les États désignés sauf US)

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Cha-Hun [KR/KR]; 9-104, LG Chem-
ical Apartment, 381-42, Doryong-dong,
Yuseong-gu, 305-340 Daejeon (KR). AHN,
Soon-Ho [KR/KR]; 109-1004, Samsung
Hanwool Apartment, Shinsung-dong,
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- (74) KIM, Seong-Ki; 14F., Kukdong Building,
60-1, Chungmuro3-ka, Chung-ku, Seoul
100-705 (KR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01M 4/86

(11) WO 2004/091018 (13) A2

(21) PCT/CA2004/000504

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/411,895 11 Apr/avr 2003 US
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • SOLID POLYMER ELECTROLYTE
FUEL CELL STACK HAVING SPECIFIC
CORROSION RESISTANT CELLS

• EMPLEMENT DE PILES A COMBUS-
TIBLE A ELECTROLYTE POLYMERES

SOLIDE COMPRENANT DES PILES
SPECIFIQUES RESISTANTES A LA
CORROSION

- (71) BALLARD POWER SYSTEMS INC.
[CA/CA]; 4343 North Fraser Way, Burnaby,
British Columbia V5J 5J9 (CA).

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les États désignés sauf US)

- (72, 75) KNIGHTS, Shanna, D. [CA/CA]; 5376
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couver, British Columbia V7K 1W4 (CA).

- (74) DE KOCK, Elbie, R.; Russell Reyneke,
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1M8 (CA).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01M 4/86, 4/88

(11) WO 2004/091019 (13) A2

(21) PCT/GB2004/001529

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 0308008.2 7 Apr/avr 2003 GB
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • METHOD OF MANUFACTURING GAS
DIFFUSION ELECTRODES

• PROCEDE POUR PRODUIRE DES
ELECTRODES A DIFFUSION GA-
ZEUSE

- (71) ZELLWEGER ANALYTICS LTD.
[GB/GB]; Hatch Pond House, 4 Stinsford
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0RZ (GB).

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- (72, 75) HANSEN, Neils, Richard, Stewart
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Pond House, 4 Stinsford Road, Nuffield
Estate, Poole, Dorset BH17 0RZ (GB). SEL-
LIS, Richard, Alan [GB/GB]; 12 Grassmere
Way, Waterlooville, Hampshire PO7 8RB
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Park Mansions, 1-3 Wilderton Road, Poole,
Dorset BH13 6EB (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL

- SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ H01M 4/86, 4/88, 12/06, 14/00, G01N
27/30
- (11) WO 2004/091020 (13) A1
- (21) PCT/JP2004/004948
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) ja (26) ja
- (30) 2003-103948 8 Apr/avr 2003 JP
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ELECTRODE FOR OXYGEN REDUC-
TION AND ELECTROCHEMICAL DE-
VICE USING THE SAME
- ELECTRODE DE REDUCTION
D'OXYGENE ET DISPOSITIF ELEC-
TROCHIMIQUE CONTENANT
CELLE-CI
- (71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO. LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
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les États désignés sauf US)*
- (72, 75) SUZUKI, Masa-aki, [JP/JP]; 13-25,
Suwa 4-chome, Joto-ku, Osaka-shi, Osaka,
5360021 (JP). YAMADA, Yuka, [JP/JP];
Neohaitsu Tomioekimae 801, 1-13-34,
Tomiomotomachi, Nara-shi, Nara, 6310078
(JP). SUZUKI, Nobuyasu, [JP/JP]; 7-7-607,
Sanjohomachi, Nara-shi, Nara, 6308122
(JP). MORINAGA, Yasunori, [JP/JP];
4-6-1-1012, Yamadanishi, Suita-shi, Os-
aka, 5650824 (JP). SASAKI, Hidehiro,
[JP/JP]; 3-14-307, Miyukihigashimachi,
Neyagawa-shi, Osaka, 5720055 (JP). SO-
TOMURA, Tadashi, [JP/JP]; 3-3, Hirano
2-chome, Kashiwara-shi, Osaka, 5820019
(JP).
- (74) SAEGUSA, Eiji, et al. / etc.; Kitahama TNK
Building, 1-7-1, Doshomachi, Chuo-ku, Os-
aka-shi, Osaka, 5410045 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 8/00
- (11) WO 2004/091022 (13) A2
- (21) PCT/JP2004/005168
- (22) 9 Apr/avr 2004 (09.04.2004)
- (25) en (26) en
- (30) 2003-105204 9 Apr/avr 2003 JP
(09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FUEL CELL SYSTEM
- SYSTEME DE PILES A COMBUS-
TIBLE
- (71) TOYOTA JIDOSHA KABUSHIKI
KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi,
Aichi-ken 471-8571 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) KANNO, Yoshihito [JP/JP]; c/o Toyota
Jidosha Kabushiki Kaisha 1, Toyota-cho,
Toyota-shi, Aichi-ken 471-8571 (JP).
- (74) NAKAJIMA, Jun et al. / etc.; Taiyo, Naka-
jima & Kato, Seventh Floor, HK-Shinjuku
Bldg., 3-17, Shinjuku 4-chome, Shinjuku-ku,
Tokyo 160-0022 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
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- (51)⁷ H01M 8/02, 8/10, 8/24
- (11) WO 2004/091023 (13) A2
- (21) PCT/DK2004/000264
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) PA 2003 00540 8 Apr/avr 2003 DK
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FUEL CELL
- PILE A COMBUSTIBLE
- (71) ALTERCELL FUEL CELL TECHNOL-
OGY ApS [DK/DK]; Forskerparken 10,
DK-5230 Odense M (DK).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72) WILLUM, Mads; Mosetoften 2, DK-5700
Svendborg (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 AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
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- (51)⁷ H01M 8/02, 8/24
- (11) WO 2004/091024 (13) A1
- (21) PCT/EP2004/002615
- (22) 12 Mar/mar 2004 (12.03.2004)
- (25) en (26) en
- (30) 103 15 796.4 7 Apr/avr 2003 DE
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CATALYST-COATED IONOMER MEMBRANES AND MEMBRANE-ELECTRODE ASSEMBLIES WITH COMPONENTS HAVING DIFFERENT COLOURS

• MEMBRANES EN IONOMERE REVÊTUES DE CATALYSEUR ET ENSEMBLE MEMBRANE-ELECTRODE A COMPOSANTS DE COULEUR DIFFERENTE

(71) UMICORE AG & CO. KG [DE/DE]; Rodenbacher Chaussee 4, 63457 Hanau-Wolfgang (DE).

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(72, 75) BAUMANN, Frank [DE/DE]; Taunusstrasse 6, 63755 Alzenau (DE). ZUBER, Ralf [DE/DE]; Valentin-Hock-Str. 11, 63762 Grossostheim (DE).

(74) VOSSIUS & PARTNER; Siebertstrasse 4, 81765 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for all designations / pour toutes les désignations

(51)⁷ H01M 8/02

(11) WO 2004/091025 (13) A2

(21) PCT/EP2004/003676

(22) 6 Apr/avr 2004 (06.04.2004)

(25) de (26) de

(30) 103 15 601.1 6 Apr/avr 2003 DE (06.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FUEL CELL AND A STACK OF FUEL CELLS COMPRISING EXTERNAL MEDIA SUPPLIES

• PILE A COMBUSTIBLE ET EMPILEMENT DE PILES A COMBUSTIBLE AVEC ALIMENTATION D'AGENT EXTERNE

(71) PROTON MOTOR FUEL CELL GMBH [DE/DE]; Gautinger Strasse 6, 82319 Starnberg (DE).

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(72, 75) KRAFT, Jürgen [DE/DE]; Ebenböckstr. 14, 81241 München (DE). PASTOR, NIGORRA, Pere Antoni [ES/DE]; Römerstr. 22, 80801 München (DE). HEIDELBERG, Götz [DE/DE]; Am Hügel 16, 82319 Starnberg (DE).

(74) KLUNKER.SCHMITT-NIL-SON.HIRSCH; Winzererstrasse 106, 80797 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 8/02

(11) WO 2004/091026 (13) A2

(21) PCT/FR2004/000830

(22) 2 Apr/avr 2004 (02.04.2004)

(25) fr (26) fr

(30) 10/407069 4 Apr/avr 2003 US (04.04.2003)

(30) 03/08541 11 Jul/juil 2003 FR (11.07.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MICRO FUEL CELL, PARTICULARLY FOR USE WITH PORTABLE ELECTRONIC DEVICES AND TELECOMMUNICATION DEVICES

• MICROPILES A COMBUSTIBLE DESTINEES PARTICULIEREMENT AUX DISPOSITIFS ELECTRONIQUES PORTABLES ET AUX DISPOSITIFS DE TELECOMMUNICATIONS

(71) SAGEM SA [FR/FR]; 27, rue Leblanc, F-75015 Paris (FR). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) [FR/FR]; 3, rue Michel Ange, F-75016 Paris (FR).

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(72, 75) CURLIER, Patrick [FR/FR]; Butte de Beaumerne, F-28410 Boutigny (FR). BERGAMASCO, Jean-Luc [FR/FR]; 56, rue Duhesme, F-75018 Paris (FR). PICHONAT, Tristan [FR/FR]; 16, rue Tristan Bernard, F-25000 Besançon (FR). MARECHAL, Manuel [FR/FR]; 2, rue Garibaldi, F-38400 Saint-Martin d'Hères (FR). GAUTHIER-MANUEL, Bernard [FR/FR]; 7 rue clerc de Landresse, F-25000 Besançon (FR). SANCHEZ, Jean-Yves [FR/FR]; Le Chaboud 781., Chemin de Chartrouse, F-38330 Saint-Ismier (FR).

(74) MARTIN, Jean-Jacques. et al. / etc.; Cabinet Regimbeau, 20 rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 8/02, 8/10, 4/86

(11) WO 2004/091027 (13) A1

(21) PCT/JP2004/004125

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-105626 9 Apr/avr 2003 JP (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FUEL CELL AND METHOD FOR PRODUCING SAME

• PILE A COMBUSTIBLE ET PROCEDE DE PRODUCTION ASSOCIE

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). MITSUI CHEMICALS INC. [JP/JP]; 5-2, Higashi-Shimbashi 1-chome, Minato-ku, Tokyo 1057117 (JP).

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(72, 75) OBATA, Takeshi [JP/JP]; c/o NEC Corporation 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). NAKAMURA, Shin [JP/JP]; c/o NEC Corporation 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). YOSHITAKE, Tsutomu [JP/JP]; c/o NEC Corporation 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). KUBO, Yoshimi [JP/JP]; c/o NEC Corporation 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). OMI, Takehiko [JP/JP]; c/o Mitsui Chemicals, Inc. 580-32, Nagaura Sodegaura-shi, Chiba 2990265 (JP). TAMAI, Shoji [JP/JP]; c/o Mitsui Chemicals, Inc. 580-32, Nagaura Sodegaura-shi, Chiba 2990265 (JP). KUROKI, Takashi [JP/JP]; c/o Mitsui Chemicals, Inc. 5-2, Higashi-Shimbashi 1-chome, Minato-ku, Tokyo 1057117 (JP). IKADO, Shuhei [JP/JP]; c/o Mitsui Chemicals, Inc. 580-32, Nagaura Sodegaura-shi, Chiba 2990265 (JP).

(74) HAYAMI, Shinji; Daikanyama TK Bldg. 1F 2-17-16 Ebisu-Nishi, Shibuya-ku, Tokyo 1500021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 8/04

(11) WO 2004/091028 (13) A1

(21) PCT/JP2003/004243

(22) 2 Apr/avr 2003 (02.04.2003)

(25) ja (26) ja

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COOLING LIQUID COMPOSITION FOR FUEL CELL

- COMPOSITION DE LIQUIDE DE REFROIDISSEMENT POUR PILE A COMBUSTIBLE

(71) SHISHIAI-KABUSHIKIGAIISHA [JP/JP]; 12, Shin-hazama, Seki-shi, Gifu 501-3923 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EGAWA, Hiroshi [JP/JP]; c/o SHISHIAI-KABUSHIKIGAIISHA, 12, Shin-hazama, Seki-shi, Gifu 501-3923 (JP). ITO, Naoshi [JP/JP]; c/o SHISHIAI-KABUSHIKIGAIISHA, 12, Shin-hazama, Seki-shi, Gifu 501-3923 (JP).

(74) HIROE, Takenori; 4-3, Usa 3-chome, Gifu-shi, Gifu 500-8368 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 8/04

(11) WO 2004/091029 (13) A1

(21) PCT/JP2004/005165

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 2003-104957 9 Apr/avr 2003 JP (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FUEL CELL SYSTEM

- SYSTEME DE CELLULE ELECTROCHIMIQUE

(71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP).

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(72, 75) KANNO, Yoshihito [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP). HIRAKATA, Shuji [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP).

(74) NAKAJIMA, Jun et al. / etc.; TAIYO, NAKAJIMA & KATO, Seventh Floor, HK-Shinjuku Bldg., 3-17, Shinjuku 4-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 8/04

(11) WO 2004/091030 (13) A1

(21) PCT/US2004/009784

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/407,617 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND APPARATUS FOR SEPARATING WATER FROM A FUEL CELL EXHAUST STREAM

- PROCEDE ET APPAREIL DESTINES A SEPARER DE L'EAU D'UN FLUX D'EJECTION DE PILE A COMBUSTIBLE

(71) TEXACO DEVELOPMENT CORPORATION [US/US]; 6001 Bollinger Canyon Road, 3rd Floor, San Ramon, CA 94583 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) DESHPANDE, Vijay, A. [US/US]; 5313 Navarro, Houston, TX 77056 (US). WHEAT, William, S. [US/US]; 3413 Crosby Landing, Missouri City, TX 77459 (US). WORSLEY, Ralph, S. [CA/CA]; 1102 Clarke Road, Brentwood Bay, British Columbia V8M 1C7 (CA).

(74) TURNER, Frank, C. 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01M 8/04, C01B 3/24

(11) WO 2004/091031 (13) A1

(21) PCT/US2004/009787

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/407,482 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OPERATING STATES FOR FUEL PROCESSOR SUBSYSTEMS

- ETATS DE FONCTIONNEMENT DE SOUS-SYSTEMES DE CONVERTISSEUR DE COMBUSTIBLE

(71) TEXACO DEVELOPMENT CORPORATION [US/US]; 6001 Bollinger Canyon Road, 3rd Floor, San Ramon, CA 94583 (US).

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(72, 75) WHEAT, Williams, S. [US/US]; 3413 Crosby Landing, Missouri City, TX 77459 (US). MIRKOVIC, Vesna, R. [YU/US]; 2201 Land St., Pearland, TX 77584 (US). TO, Hugh, N. [US/US]; 19614 Cottage Park Circle, Houston, TX 77094 (US). BENEDETTO, Dennis, J. [US/US]; 3518 Blue Cypress Drive, Spring, TX 77388 (US).

(74) TURNER, Frank, C.; Chevrontexaco 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01M 8/10

(11) WO 2004/091032 (13) A2

(21) PCT/FR2004/000797

(22) 30 Mar/mar 2004 (30.03.2004)

(25) fr (26) fr

(30) 03/04078 2 Apr/avr 2003 FR (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BOROPHOSPHOSILICATE-BASED COMPOSITE MATERIAL WHICH CAN BE USED TO CREATE AN ELECTROLYTE MEMBRANE AND METHOD FOR THE PRODUCTION THEREOF

- MATERIAU COMPOSITE A BASE DE BOROPHOSPHOSILICATE POUVANT NOTAMMENT CONSTITUER UNE MEMBRANE ELECTROLYTIQUE ET PROCEDE DE FABRICATION

(71) COMMISSARIAT A L'ENERGIE ATOMIQUE [FR/FR]; 31-33, rue de la Fédération, F-75752 Paris (FR). UNIVERSITE MONTPELLIER II [FR/FR]; 2, Place E. Bataillon, F-34095 Montpellier Cedex 5 (FR). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cédex 16 (FR). ELECTRICITE DE FRANCE [FR/FR]; Service National EPIC, 22-30, Avenue de Wagram, F-75008 Paris (FR).

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(72, 75) **MORIN, Arnaud** [FR/FR]; 18 rue Ponsard, F-38100 Grenoble (FR). **GAUTIER, Ludmila** [FR/DE]; Leopoldplatz 1/4, 76437 Rastatt (DE). **DEABATE, Stephano** [IT/FR]; 50 rue Maguelonne, F-34250 Palavas Les Flots (FR). **JONES, Deborah** [GB/FR]; 58 Avenue Occitanie, F-34090 Montpellier (FR). **ROZIERE, Jacques** [FR/FR]; 58 Avenue d'Occitanie, F-34090 Montpellier (FR). **MOSDALE, Renaut** [FR/FR]; 15 rue du 11 Novembre, F-38640 Claix (FR).

(74) **GERARD, Hecke**. et al. / etc.; Cabinet Hecke, WTC Europole, 5 place Robert Schuman-BP 1537, F-38025 Grenoble Cedex 1 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 10/00

(11) WO 2004/091033 (13) A2

(21) PCT/FR2004/000707

(22) 23 Mar/mar 2004 (23.03.2004)

(25) fr (26) fr

(30) 03 04150 3 Apr/avr 2003 FR (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SETTING COMPOSITION FOR A BATTERY ELECTROLYTE
• COMPOSITION RETICULABLE POUR ELECTROLYTE DE BATTERIE

(71) **RHODIA CHIMIE** [FR/FR]; 26, Quai Alphonse Le Gallo, F-92512 BOULOGNE BILLANCOURT (FR).
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(72, 75) **GAMBUT-GAREL, Lucile** [FR/FR]; 16, rue des Tuiliers, F-69003 LYON (FR). **VERGELATI, Carroll** [FR/FR]; Lieu-dit "Villeneuve", F-38118 SAINT BAUDILLE DE LA TOUR (FR). **SANCHEZ, Jean-Yves** [FR/FR]; Le Chaboud, 781, Chemin de Chartreuse, F-38330 SAINT ISMIER (FR). **ALLOIN, Fannie** [FR/FR]; Chemin de la Millaudière, F-38220 VIZILLE (FR).

(74) **TROLLET, Maurice**; Centre de Recherches de Lyon, Direction de la Propriété Industrielle, B.P. 62, F-69192 SAINT FONS (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01P 1/161

(11) WO 2004/091034 (13) A1

(21) PCT/JP2004/004859

(22) 2 Apr/avr 2004 (02.04.2004)

(25) ja (26) ja

(30) 2003-101798 4 Apr/avr 2003 JP (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • WAVEGUIDE BRANCHING FILTER/POLARIZER
• CONNEXION D'UN FILTRE/POLARISEUR A UN GUIDE D'ONDES

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
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(72, 75) **ARAMAKI, Yoji** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **YONEDA, Naofumi** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **MIYAZAKI, Moriyasu** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **TSUMURA, Akira** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **HORIE, Toshiyuki** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **TAZAWA, Hiroaki** et al. / etc.; 7F, Daito Bldg., 7-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01P 1/20

(11) WO 2004/091035 (13) A1

(21) PCT/JP2004/004089

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-101691 4 Apr/avr 2003 JP (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • WIDE-BAND CIRCUIT
• CIRCUIT A LARGE BANDE

(71) **NEC CORPORATION** [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP).
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(72, 75) **TOHYA, Hirokazu** [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP).

(74) **MARUYAMA, Takao**; MARUYAMA PATENT OFFICE, SAM Build. 3floor, 38-23, Higashi-Ikebukuro 2-chome, Toshima-ku, Tokyo 1700013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01P 1/203, 1/205

(11) WO 2004/091036 (13) A1

(21) PCT/JP2004/004765

(22) 1 Apr/avr 2004 (01.04.2004)

(25) ja (26) ja

(30) 2003-098608 1 Apr/avr 2003 JP (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PASSIVE COMPONENT
• COMPOSANT PASSIF

(71) **SOSHIN ELECTRIC CO., LTD.** [JP/JP]; 800-38, Nagatoro, Saku-shi, Nagano 3850021 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **URANO, Masaki** [JP/JP]; c/o Soshin Electric Co., Ltd., Chikuma Plante, 664-1, Sarukubo, Saku-shi, Nagano 3850011 (JP). **HIRAI, Takami** [JP/JP]; c/o Soshin Electric Co., Ltd., Chikuma Plante, 664-1, Sarukubo, Saku-shi, Nagano 3850011 (JP). **MIZUTANI, Yasuhiko** [JP/JP]; c/o Soshin Electric Co., Ltd., Chikuma Plante, 664-1, Sarukubo, Saku-shi, Nagano 3850011 (JP). **TAKASE, Kouhei** [JP/JP]; c/o Soshin Electric Co., Ltd., Chikuma Plante, 664-1, Sarukubo, Saku-shi, Nagano 3850011 (JP).

(74) **CHIBA, Yoshihiro** et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo 1510053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

- MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ H01P 5/12, H01R 9/05, H01Q 1/24, 3/26
- (11) WO 2004/091037 (13) A1
- (21) PCT/EP2004/001333
- (22) 12 Feb/fév 2004 (12.02.2004)
- (25) de (26) de
- (30) 103 16 788.9 11 Apr/avr 2003 DE
(11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CONNECTION DEVICE FOR THE
CONNECTION OF AT LEAST TWO
RADIATOR DEVICES OF AN AN-
TENNA ARRANGEMENT, WHEREBY
SAID RADIATOR DEVICES ARE AR-
RANGED IN AN OFFSET POSITION IN
RELATION TO EACH OTHER
- DISPOSITIF DE CONNEXION POUR
RACCORDER AU MOINS DEUX AN-
TENNES ACTIVES DECALEES L'UNE
PAR RAPPORT A L'AUTRE D'UN EN-
SEMBLE ANTENNE
- (71) KATHREIN-WERKE KG [DE/DE]; An-
ton-Kathrein-Strasse 1-3, 83022 Rosenheim
(DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) STOLLE, Manfred [DE/DE];
Rennbahnstrasse 9, 83043 Bad Aibling (DE).
SCHEYER, Andreas [DE/DE]; Bergweg 9,
83104 Tunttenhausen (DE).
- (74) FLACH, Dieter; Adlzreiterstrasse 11, 83022
Rosenheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ H01Q
- (11) WO 2004/091038 (13) A2
- (21) PCT/IB2004/001486
- (22) 12 Apr/avr 2004 (12.04.2004)
- (25) en (26) en
- (30) 10/412,371 11 Apr/avr 2003 US
(11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ANTENNA
- ANTENNE
- (71) COCOMO MB COMMUNICATIONS,
INC. [JP/JP]; 3F Sakuradadori Building,
1-2-10, Toranomom, Minato-ku, Tokyo 105
0001 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) CHADWICK, George, G. [US/US];
404 Settlement Lane, River Valley Ranch,
Carbondale, CO 81623 (US).
- (74) PEACOCK, Deborah, A.; Peacock, Myers
& Adams, P.O. Box 26927, Albuquerque, NM
87125-6927 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ H01Q
- (11) WO 2004/091039 (13) A2
- (21) PCT/JP2004/004914
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 2003-106412 10 Apr/avr 2003 JP
(10.04.2003)
- (30) 2003-107620 11 Apr/avr 2003 JP
(11.04.2003)
- (30) 2003-156419 2 Jun/juin 2003 JP
(02.06.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ANTENNA ELEMENT AND AN-
TENNA MODULE, AND ELECTRONIC
EQUIPMENT USING SAME
- ELEMENT D'ANTENNE ET MODULE
D'ANTENNE, ET EQUIPEMENT LES
UTILISANT
- (71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO. LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) FUJIMURA, Munenori YAM-
AGUCHI, Shuichiro TOKUNAGA, Hi-
romi EGUCHI, Kazuhiro
- (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ H01Q 1/24, 21/00, 1/12, 15/14
- (11) WO 2004/091041 (13) A1
- (21) PCT/EP2004/001614
- (22) 19 Feb/fév 2004 (19.02.2004)
- (25) de (26) de
- (30) 103 16 786.2 11 Apr/avr 2003 DE
(11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • REFLECTOR, ESPECIALLY FOR A
MOBILE RADIO ANTENNA
- REFLECTEUR, NOTAMMENT POUR
UNE ANTENNE DE RADIOTELEPHO-
NIE MOBILE
- (71) KATHREIN-WERKE KG [DE/DE]; An-
ton-Kathrein-Strasse 1-3, 83022 Rosenheim
(DE).
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ H01Q
- (11) WO 2004/091040 (13) A2
- (21) PCT/US2004/010008
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 10/405,147 3 Apr/avr 2003 US
(03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CAVITY EMBEDDED ANTENNA
- ANTENNE INTEGREE A CAVITES
- (71) BAE SYSTEMS INFORMATION AND
ELECTRONIC SYSTEMS INTEGRA-
TION INC. [US/US]; 65 Spit Brook Road,
NHQ01-719, Nashua, NH 03060 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) APOSTOLOS, John, T. [US/US]; 3
Majestic Lane, Merrimack, NH 03054 (US).
BALL, Richard, C. [US/US]; 277 Bumfagon
Road, Loudon, NH 03307 (US). HEDGES,
Steven, A. [US/US]; 21 Beverlee, Nashua,
NH 03064 (US).
- (74) LONG, Daniel, J.; BAE Systems Informa-
tion and Electronic Systems Int, egration Inc.,
65 Spit Brook Road, NHQ01-719, Nashua,
NH 03060 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ H01Q 1/24, 21/00, 1/12, 15/14
- (11) WO 2004/091041 (13) A1
- (21) PCT/EP2004/001614
- (22) 19 Feb/fév 2004 (19.02.2004)
- (25) de (26) de
- (30) 103 16 786.2 11 Apr/avr 2003 DE
(11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • REFLECTOR, ESPECIALLY FOR A
MOBILE RADIO ANTENNA
- REFLECTEUR, NOTAMMENT POUR
UNE ANTENNE DE RADIOTELEPHO-
NIE MOBILE
- (71) KATHREIN-WERKE KG [DE/DE]; An-
ton-Kathrein-Strasse 1-3, 83022 Rosenheim
(DE).

- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GÖTTL, Maximilian [DE/DE]; Adolf-Veit Weg 2, 83112 Frasdorf (DE). BERGER, Stefan [DE/DE]; Innstrasse 2, 83101 Rohrdorf (DE).
- (74) FLACH, Dieter; Adlzreiterstrasse 11, 83022 Rosenheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01Q 1/24, 21/00, 21/24, 1/12, 15/14, 15/16
- (11) WO 2004/091042 (13) A1
- (21) PCT/EP2004/002557
- (22) 11 Mar/mar 2004 (11.03.2004)
- (25) de (26) de
- (30) 103 16 787.0 11 Apr/avr 2003 DE (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • REFLECTOR, IN PARTICULAR FOR A MOBILE RADIO ANTENNA
• REFLECTEUR DESTINE NOTAMMENT A UNE ANTENNE DE TELEPHONIE MOBILE
- (71) KATHREIN-WERKE KG [DE/DE]; Anton-Kathrein-Strasse 1-3, 83022 Rosenheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GÖTTL, Maximilian [DE/DE]; Adolf-Veit Weg 2, 83112 Frasdorf (DE). BERGER, Stefan [DE/DE]; Innstrasse 2, 83101 Rohrdorf (DE).
- (74) FLACH, Dieter et al. / etc.; Adlzreiterstrasse 11, 83022 Rosenheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01Q 7/08, 1/32, B60R 25/00, E05B 49/00
- (11) WO 2004/091044 (13) A1
- (21) PCT/CH2004/000189
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) de (26) de
- (30) 659/03 10 Apr/avr 2003 CH (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ANTENNA COMPRISING A FERRITE CORE FOR A CAR DOOR CLOSING SYSTEM
• ANTENNE COMPRENANT UN NOYAU DE FERRITE, DESTINEE A UN SYSTEME DE FERMETURE DE PORTE D'AUTOMOBILE
- (71) SCHAFFNER EMV AG [CH/CH]; CH-4542 Luterbach (CH).
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) ja (26) ja
- (30) 2003-099639 2 Apr/avr 2003 JP (02.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • VARIABLE DIRECTIVITY ANTENNA AND VARIABLE DIRECTIVITY ANTENNA SYSTEM USING THE ANTENNA
• ANTENNE A DIRECTIVITE VARIABLE UTILISANT CETTE ANTENNE
- (71) DX ANTENNA CO., LTD. [JP/JP]; 2-15, Hamazaki-dori, Hyogo-ku, Kobe-shi, Hyogo 652-0807 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHIROSAKA, Toshiaki [JP/JP]; c/o DX ANTENNA CO., LTD., 2-15, Hamazaki-dori, Hyogo-ku, Kobe-shi, Hyogo 652-0807 (JP). FUJISAWA, Shingo [JP/JP]; c/o DX ANTENNA CO., LTD., 2-15, Hamazaki-dori, Hyogo-ku, Kobe-shi, Hyogo 652-0807 (JP). FUJITA, Toshio [JP/JP]; c/o DX ANTENNA CO., LTD., 2-15, Hamazaki-dori, Hyogo-ku, Kobe-shi, Hyogo 652-0807 (JP). TATEKAWA, Kiyotaka [JP/JP]; c/o DX ANTENNA CO., LTD., 2-15, Hamazaki-dori, Hyogo-ku, Kobe-shi, Hyogo 652-0807 (JP). SHIBUYA, Eiji [JP/JP]; c/o DX ANTENNA CO., LTD., 2-15, Hamazaki-dori, Hyogo-ku, Kobe-shi, Hyogo 652-0807 (JP).
- (74) KIMURA, Masatoshi; Kobe Owa Patent Firm, 7th Floor, Shim-crescent Building, 72 Kyomachi, Chuo-ku, Kobe-shi, Hyogo 650-0034 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01Q 9/04, 3/26, 1/32, 1/52
- (11) WO 2004/091045 (13) A1
- (21) PCT/EP2004/050393
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) de (26) de
- (30) 103 16 639.4 11 Apr/avr 2003 DE (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ANTENNA STRUCTURE
• STRUCTURE D'ANTENNE
- (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) BINZER, Thomas [DE/DE]; Am Wildwechsel 14, 70565 Stuttgart (DE).
- (74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01Q 9/14, 9/04
- (11) WO 2004/091046 (13) A1
- (21) PCT/US2004/010316
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 10/407,966 3 Apr/avr 2003 US (03.04.2003)
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MARIOTTO, Elio [CH/CH]; St. Margrithenstrasse 6, CH-4500 Solothurn (CH). KULL, Peter [CH/CH]; Wässerigstrasse 3, CH-4522 Rüttenen (CH).
- (74) SAAM, Christophe; Patents & Technology Surveys, Postfach 2848, CH-2001 Neuchâtel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) ● SYSTEM AND METHOD FOR REGULATING ANTENNA ELECTRICAL LENGTH
● SYSTEME ET PROCEDE DE REGLAGE DE LONGUEUR ELECTRIQUE D'ANTENNE
- (71) KYOCERA WIRELESS CORP. [US/US]; 10300 Campus Point Drive, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TRAN, Allen [US/US]; 10925 Corte Mejlones, San Diego, CA 92130 (US).
- (74) CONNELL, Kathleen, L. et al. / etc.; Kyocera Wireless Corp., Attention: Patent Department, P.O. Box 928289, San Diego, CA 92192-8289 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H01Q 9/26, 9/42

(11) WO 2004/091047 (13) A1

(21) PCT/RU2004/000133

(22) 8 Apr/avr 2004 (08.04.2004)

(25) ru (26) ru

(30) 2003110373 10 Apr/avr 2003 RU (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) ● METHOD FOR INCREASING THE EFFECTIVE HEIGHT OF A COMPACT VARIABLE BEAM ANTENNA ASSEMBLY AND A COMPACT VARIABLE BEAM ANTENNA ASSEMBLY FOR CARRYING OUT SAID METHOD
● PROCEDE POUR AUGMENTER LA HAUTEUR FONCTIONNELLE D'UN DISPOSITIF A ANTENNE MINUATURISE A DIAGRAMME DE DIRECTIVITE DIRIGE ET DISPOSITIF A ANTENNE MINIATURISE DESTINE A METTRE EN OEUVRE CE PROCEDE

(71) HORIZON EMERGING TECHNOLOGIES LTD.; Craigmuir Chambers., P.O.Box 71, Road Town, Tortola (VG).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZAITSEV, Georgy Mikhailovich [RU/RU]; Kronshtadsky bulvar, 24-3-321, Moscow, 125499 (RU). ZAITSEV, Igor Georgievich [RU/RU]; Volotsky per., 13/2-406, Moscow, 123222 (RU).

(74) LAW FIRM "GORODISSKY & PARTNERS" LTD.; EGOVA Galina Borisovna, MITS Alexandr Vladimirovich et al., ul. B.Spasskaya, 25, stroenie 3, Moscow, 129010 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q 15/08, 1/12, 19/06

(11) WO 2004/091048 (13) A1

(21) PCT/JP2004/004761

(22) 1 Apr/avr 2004 (01.04.2004)

(25) ja (26) ja

(30) 2003-099386 2 Apr/avr 2003 JP (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) ● RADIOWAVE LENS ANTENNA DEVICE

● SYSTEME D'ANTENNE A LENTILLE RADIOELECTRIQUE

(71) SUMITOMO ELECTRIC INDUSTRIES, LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KURODA, Masatoshi [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP). YOKOTA, Masao [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP). KAMISE, Yasuhiro [JP/JP]; c/o JSAT Corporation, Pacific Century Place

Marunouchi 17F, 1-11-1 Marunouchi, Chiyoda-ku, Tokyo 100-6218 (JP).

(74) NAKANO, Minoru et al. / etc.; c/o Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q 17/00

(11) WO 2004/091049 (13) A1

(21) PCT/KR2004/000603

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ko (26) en

(30) 10-2003-0022995 11 Apr/avr 2003 KR (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) ● MICROWAVE ABSORBER WITH IMPROVED MICROWAVE ABSORPTION RATE

● ABSORBEUR HYPERFREQUENCES A CAPACITE ACCRUE D'ABSORPTION DES HYPERFREQUENCES

(71) CHANG SUNG CORPORATION [KR/KR]; 8-8, Pungjeong-ri, Naesu-eup, Cheongwon-gun, Chungbuk 363-933 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) KIM, Sung-Soo [KR/KR]; #2-906, Garam APT., Samcheon-dong, Seogu, Daejeon 302-744 (KR).

(72, 75) LEE, Kyung-Sub [KR/KR]; 9LT 11B, Namdong gongdan, 620-8, Namcheon-dong, Namdong-gu, Incheon 405-846 (KR). LEE, Tae-Kyung [KR/KR]; 9LT, 11B, Namdong gongdan, 620-8, Namchon-dong, Namdong-gu, Incheon 405-846 (KR). YOON, Yeo-Choon [KR/KR]; Engineering College, Chungbuk National University, San 48, Gaesin-dong, Cheongju, Chungbuk 361-763 (KR).

(74) HONG, Sung-Chul et al. / etc.; #703, Newseoul Bldg., 828-8 Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

- CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- (51)⁷ H01Q 19/10, 21/06, 21/24
- (11) WO 2004/091050 (13) A1
- (21) PCT/EP2004/002206
- (22) 4 Mar/mar 2004 (04.03.2004)
- (25) de (26) de
- (30) 103 16 564.9 10 Apr/avr 2003 DE
(10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ANTENNA COMPRISING AT LEAST ONE DIPOLE OR DIPOLE-LIKE EMITTING DEVICE
- ANTENNE COMPRENANT AU MOINS UN DIPOLE OU UN DISPOSITIF EMETTEUR DE TYPE DIPOLE
- (71) KATHREIN-WERKE KG [DE/DE]; Anton-Kathrein-Strasse 1-3, 83022 Rosenheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STOLLE, Manfred [DE/DE]; Rennbahnstrasse 9, 83043 Bad Aibling (DE). SCHEYER, Andreas [DE/DE]; Bergweg 9, 83104 Tuntenhäuser (DE).
- (74) FLACH, Dieter; Adlzreiterstrasse 11, 83022 Rosenheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01Q 19/19
- (11) WO 2004/091051 (13) A1
- (21) PCT/JP2004/003303
- (22) 12 Mar/mar 2004 (12.03.2004)
- (25) ja (26) ja
- (30) 2003-101788 4 Apr/avr 2003 JP
(04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ANTENNA DEVICE
- DISPOSITIF D'ANTENNE
- (71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YONEDA, Naofumi [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP). MIYAZAKI, Moriyasu [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP). INASAWA, Yoshio [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP). KONISHI, Yoshihiko [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP). MAKINO, Shigeru [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP). IIDA, Akio [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP). NAITOH, Izuru [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP). HORIE, Toshiyuki [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP). SATOH, Hiroyuki [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP). SHIMAWAKI, Yutaka [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP).
- (74) TAZAWA, Hiroaki et al. / etc.; 7F, Daito Bldg., 7-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo, 1000013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01R
- (11) WO 2004/091052 (13) A2
- (21) PCT/US2004/010078
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 10/405,373 1 Apr/avr 2003 US
(01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND APPARATUS FOR SUBSTANTIALLY REDUCING ELECTRICAL DISPLACEMENT CURRENT FLOW BETWEEN INPUT AND OUTPUT CIRCUITS COUPLED TO INPUT AND OUTPUT WINDINGS OF AN ENERGY TRANSFER ELEMENT
- PROCEDE ET APPAREIL DESTINES A REDUIRE SENSIBLEMENT LE FLUX DE COURANT DE DEPLACEMENT ENTRE LES CIRCUITS D'ENTREE ET DE SORTIE COUPLES AUX BOBINES D'ENTREE ET DE SORTIE D'UN ELEMENT DE TRANSFERT D'ENERGIE
- (71) POWER INTEGRATIONS, INC. [US/US]; 5245 Hellyer Avenue, San Jose, CA 95138 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARK, Chan, Woong [KR/US]; 390 La Strada Drive, #27, San Jose, CA 95123 (US).
- (74) GO, James, Y. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th Floor, 12400 Wilshire Blvd., Los Angeles, CA 90025-1026 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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
- (11) WO 2004/091053 (13) A2
- (21) PCT/US2004/009802
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 10/407,031 3 Apr/avr 2003 US
(03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • VIRTUAL PERIPHERAL COMPONENT INTERCONNECT MULTIPLE-FUNCTION DEVICE
- DISPOSITIF MULTI-FONCTION A LOGIQUE VIRTUELLE D'INTERCONNEXION DE COMPOSANTS PERIPHERIQUES
- (71) EMULEX DESIGN & MANUFACTURING CORPORATION [US/US]; 3333 Susan Street, Costa Mesa, CA 92626 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) CLAYTON, Shawn, Adam; c/o Emulex Corporation, 3333 Susan Street, Costa Mesa, CA 92626 (US).
- (74) KUBOTA, Glenn, M.; Morrison & Foerster LLP, 555 W. Fifth Street, Suite 3500, Los Angeles, CA 90013 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01R 12/04
- (11) WO 2004/091054 (13) A1
- (21) PCT/FR2004/000815
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) fr (26) fr

- (30) 03/03987 **31 Mar/mar 2003** FR
(31.03.2003)
- (30) 03/14166 **2 Dec/déc 2003** FR
(02.12.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ELECTRONIC COMPONENT PROVIDED WITH A SINGLE CONNECTOR GROUPING TOGETHER RADIO FREQUENCY SIGNALS AND DIGITAL SIGNALS, CORRESPONDING SUPPORT, ELECTRONIC SYSTEM AND METHOD FOR THE IMPLEMENTATION THEREOF
- COMPOSANT ELECTRONIQUE A CONNECTEUR UNIQUE REGROUPANT DES SIGNAUX RADIO-FREQUENCES ET DES SIGNAUX NUMERIQUES, SUPPORT, SYSTEME ELECTRONIQUE ET PROCEDURE DE MISE EN OEUVRE CORRESPONDANTS
- (71) WAVECOM [FR/FR]; Immeuble Bord de Seine I, 3, Esplanade du Foncet, F-92442 Issy-les-Moulineaux (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UGUEN, Thierry [FR/FR]; 3, rue Lefebvre, F-75014 Paris (FR). LYS, Thierry [FR/FR]; 194, avenue du Maine, F-75014 Paris (FR). GORIAUX, Jacques [FR/FR]; 5 rue Salomon de Brosse, F-78000 Versailles (FR). LE Liboux, Jean-Christophe [FR/FR]; 39, rue Charles Maréchal, F-78300 Poissy (FR).
- (74) VIDON, Patrice; Cabinet Patrice Vidon, 16B, rue de Jouanet, BP 90333, F-35703 Rennes Cedex 7 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ H01R 13/00
- (11) WO 2004/091055 (13) A2
- (21) PCT/US2004/009749
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 60/459,092 **31 Mar/mar 2003** US
(31.03.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SHIELDING CAGE WITH IMPROVED EMI SHIELDING GASKET CONSTRUCTION
- CAGE DE BLINDAGE A JOINT DE BLINDAGE AMELIORE CONTRE LES INTERFERENCES ELECTROMAGNETIQUES (EMI)
- (71) MOLEX INCORPORATED [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72) LLOYD, Brian, Keith; 11 Hornrimme Court, Maumelle, AR 72113 (US). DOYE, Dennis, Lee; 9 Golden Oaks Cove, Maumelle, AR 72113 (US).
- (74) PAULIUS, Thomas, D.; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 13/58, 9/05
- (11) WO 2004/091056 (13) A1
- (21) PCT/US2004/009823
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 10/404,999 **1 Apr/avr 2003** US
(01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MINIATURE, SHIELDED ELECTRICAL CONNECTOR WITH STRAIN RELIEF
- CONNECTEUR ELECTRIQUE MINIATURE BLINDE A REDUCTEUR DE TENSION
- (71) HAMILTON SUNDSTRAND CORPORATION [US/US]; One Hamilton Road, Windsor Locks, CT 06096 (US).
- (72) DIEP, Chuong, H.; 1009 Gatewood Drive, Enfield, CT 06082 (US).
- (74) STEPHENSON, Gregory, R.; Hamilton Sundstrand Corporation, One Hamilton Road, MS 1-1-BC18, Windsor Locks, CT 06096 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 13/633, 24/12
- (11) WO 2004/091057 (13) A1
- (21) PCT/EP2004/003714
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) de (26) de
- (30) 103 16 077.9 **8 Apr/avr 2003** DE
(08.04.2003)
- (30) 103 51 776.6 **6 Nov/nov 2003** DE
(06.11.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SAFETY PLUG PROVIDED WITH AN EJECTION SYSTEM
- FICHE DE PRISE DE COURANT DE SECURITE A SYSTEME D'EJECTION
- (71, 72) ASSIES, Tobias [DE/DE]; Philipp-Franck-Weg 5, 14109 Berlin (DE). BREUST, Volker [DE/DE]; Kanzleistr. 10, 38442 Wolfsburg (DE).
- (74) SCHNEIDER, Michael; Hammonds, Karl-Schmagnl-Ring 7, 80539 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ H01S
- (11) WO 2004/091058 (13) A2
- (21) PCT/US2004/010322
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/460,315 **3 Apr/avr 2003** US
(03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DIODE-PUMPED SOLID STATE LASER SYSTEM UTILIZING HIGH POWER DIODE BARS
- SYSTEME LASER A LETAT SOLIDE POMPE PAR DIODES FAISANT INTERVENIR DES BARRES DE DIODES HAUTE PUISSANCE
- (71) JMAR RESEARCH, INC. [US/US]; 3956 Sorrento Valley Boulevard, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) RIEGER, Harry; 17127 Pomerado Way, San Diego, CA 92128 (US).
- (74) MCSPADDEN, William, D. et al. / etc.; Baker & McKenzie, 2001 Ross Avenue, Suite 2300, Dallas, TX 75201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(t) for all designations / pour toutes les
désignations

(51)⁷ H01S 5/0625, 5/068

(11) WO 2004/091059 (13) A2

(21) PCT/IE2004/000056

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) S2003/0281 14 Apr/avr 2003 IE
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND SYSTEM FOR CON-
TINUOUS SWEEPING OF A TUNABLE
LASER

• PROCEDE ET SYSTEME DE BA-
LAYAGE CONTINU D'UN LASER
ACCORDABLE

(71) INTUNE TECHNOLOGIES LIMITED
[IE/IE]; 9c Beckett Way, Park West Business
Park, Dublin 12 (IE).

(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) MULLANE, Tommy [IE/IE]; 9c Beck-
ett Way, Park West Business Park, Dublin
12 (IE). MCDONALD, David [IE/IE]; 9C
Beckett Way, Park West Business Park,
Dublin 12 (IE).

(only for / seulement pour US)

(72, 75) FARRELL, Tom [IE/IE]; 9C Beckett
Way, Park West Business Park, Dublin 12
(IE). POLLEY, Ciaran [IE/IE]; 9C Beck-
ett Way, Park West Business Park, Dublin
12 (IE). O'CONNOR, Peter, B. [IE/IE];
9C Beckett Way, Park West Business Park,
Dublin 12 (IE).

(74) SHORTT, Peter, Bernard et al. / etc.;
Tomkins & Co., 5 Dartmouth Road, Dublin
6 (IE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01T 4/12, H01J 61/16, 61/067, 61/54

(11) WO 2004/091060 (13) A1

(21) PCT/JP2004/004785

(22) 1 Apr/avr 2004 (01.04.2004)

(25) ja (26) ja

(30) 2003-106883 10 Apr/avr 2003 JP
(10.04.2003)

(30) 2003-159501 4 Jun/juin 2003 JP
(04.06.2003)

(30) 2003-186739 30 Jun/juin 2003 JP
(30.06.2003)

(30) 2003-272213 9 Jul/juil 2003 JP
(09.07.2003)

(30) 2003-277434 22 Jul/juil 2003 JP
(22.07.2003)

(30) 2003-430223 25 Dec/déc 2003 JP
(25.12.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DISCHARGE TUBE AND SURGE AB-
SORBING DEVICE

• TUBE A DECHARGE ET DISPOSITIF
ABSORBANT LES SURTENSIONS

(71) OKAYA ELECTRIC INDUSTRIES CO.,
LTD. [JP/JP]; 2-46-3, Sangenjaya, Seta-
gaya-ku, Tokyo 154-8535 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) IMAI, Koichi [JP/JP]; c/o Okaya Elec-
tric Industries Co., Ltd., Saitama Technical
Center, 1003, Aza Egawa, Saijo, Gyoda-shi,
Saitama 361-0005 (JP). HORI, Satoshi
[JP/JP]; c/o Okaya Electric Industries Co.,
Ltd., Saitama Technical Center, 1003, Aza
Egawa, Saijo, Gyoda-shi, Saitama 361-0005
(JP). MATSUYAMA, Yoichi [JP/JP]; c/o
Okaya Electric Industries Co., Ltd., Saitama
Technical Center, 1003, Aza Egawa, Saijo,
Gyoda-shi, Saitama 361-0005 (JP). HANA-
MURA, Yoshikazu [JP/JP]; c/o Okaya Elec-
tric Industries Co., Ltd., Saitama Technical
Center, 1003, Aza Egawa, Saijo, Gyoda-shi,
Saitama 361-0005 (JP).

(74) OKUDA, Hiroyuki et al. / etc.; Seiko Tora-
nomon Building 2F, 1-8-10, Toranomom, Mi-
nato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01T 23/00

(11) WO 2004/091061 (13) A2

(21) PCT/EP2004/003762

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 103 16 378.6 10 Apr/avr 2003 DE
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DISCHARGE TUBE

• TUBE A DECHARGE

(71, 72) ZIMMERMANN, Stefan [DE/DE]; Ed-
govener Strasse 123, 53773 Hennef (DE).

(74) MÜLLER, Thomas et al. / etc.; Harwardt
Neumann, Patent- und Rechtsanwälte, Brand-
strasse 10, 53721 Siegburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H02G 3/08

(11) WO 2004/091062 (13) A2

(21) PCT/JP2004/004864

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 2003-101286 4 Apr/avr 2003 JP
(04.04.2003)

(30) 2003-105208 9 Apr/avr 2003 JP
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FUSE CAVITY STRUCTURE AND
ELECTRIC CONNECTION BOX

• STRUCTURE DE CAVITE DE FU-
SIBLE ET BOITE DE JONCTION ELEC-
TRIQUE

(71) YAZAKI CORPORATION [JP/JP]; 4-28,
Mita 1-chome, Minato-ku, Tokyo 108-8333
(JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KUBOTA, Katsuhiko [JP/JP]; c/o
Yazaki Parts Co., Ltd., 1360, Kunikane,
Daitocho, Ogasa-gun, Shizuoka 437-1494
(JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent
Office, 13th Floor, ARK Mori Building,
12-32, Akasaka 1-chome, Minato-ku, Tokyo
107-6013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ

- TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51) **H02G 3/14**
- (11) **WO 2004/091063** (13) A2
- (21) PCT/IT2004/000179
- (22) **6 Apr/avr 2004 (06.04.2004)**
- (25) en (26) en
- (30) BO2003U000038 **7 Apr/avr 2003** IT
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CERAMIC FACEPLATE
• PLAQUE FRONTALE EN CERAMIQUE
- (71, 72) CATENA, Luciano [IT/IT]; Via del Tesoro 4, I-60027 Osimo (IT). CATENA, Simone [IT/IT]; Via del Tesoro 4, I-60027 Osimo (IT).
- (74) PAOLINI, Elena; c/o Ufficio Internazionale Brevetti INIP, 5 Via Ruggi, I-40137 Bologna (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **H02G 3/22, E04H 15/00**
- (11) **WO 2004/091064** (13) A1
- (21) PCT/AU2003/000440
- (22) **11 Apr/avr 2003 (11.04.2003)**
- (25) en (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A PORTABLE CAMP AND PROVISION OF UTILITY SERVICE THEREFOR
• CAMP PORTABLE ET PRESTATION DE SERVICES
- (71, 72) MARTINO, Francesco, Antonio [AU/AU]; Cnr Bevan and Meadows Road, Hope Forrest, South Australia 5170 (AU).
- (74) LESICAR PERRIN; 49 Wright Street, Adelaide, South Australia 5000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR
- TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **H02G 9/10, H02B 1/50, G02B 6/44**
- (11) **WO 2004/091065** (13) A1
- (21) PCT/US2004/009986
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) en (26) en
- (30) 2003901531 **2 Apr/avr 2003** AU
(02.04.2003)
- (30) 2003903269 **27 Jun/juin 2003** AU
(27.06.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CONNECTION SYSTEM
• SYSTÈME DE CONNEXION
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72, 75) PALMER, Ian, J. [AU/AU]; 3M, 2-74 Dunheved Circuit, St. Marys, NSW 2760 (AU).
- (74) TRUSSELL, James, J. et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 15/184, 15/103**
- (11) **WO 2004/091066** (13) A1
- (21) PCT/NL2004/000201
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) nl (26) en
- (30) 1023128 **9 Apr/avr 2003** NL
(09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CABLE SLEEVE
• MANCHON DE CABLE
- (71) LOVINK-ENERTECH B.V. [NL/NL]; Lovinkweg 3, NL-7061 DT Terborg (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRUS, Bernard, Louis [NL/NL]; Garonnedal 7, NL-7007 HM Doetinchem (NL).
- (74) HYLARIDES, Paul, Jacques; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **H02H 5/04**
- (11) **WO 2004/091067** (13) A1
- (21) PCT/IB2004/050405
- (22) **7 Apr/avr 2004 (07.04.2004)**
- (25) en (26) en
- (30) 03100987.1 **11 Apr/avr 2003** EP
(11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND APPARATUS FOR INTEGRATED CIRCUIT PROTECTION
• PROCEDE ET APPAREIL DE PROTECTION D'UN CIRCUIT INTEGRE
- (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) KRABBENBORG, Bernardus, H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) DUIJVESTIJN, Adrianus, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR

GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ H02J 5/00, H01F 38/14

(11) WO 2004/091068 (13) A1

(21) PCT/NZ2004/000066

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 525219 9 Apr/avr 2003 NZ
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DECOUPLING CIRCUITS
• CIRCUITS DE DECOUPLAGE

(71) AUCKLAND UNISERVICES LTD
[NZ/NZ]; 70 Symonds St, Auckland, 1001
(NZ).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BOYS, John, Talbot [NZ/NZ]; 15A
Island Bay Road, Birkdale, Auckland, 1310
(NZ). COVIC, Grant, Anthony [NZ/NZ];
28 Haverstock Road, Sandringham, Auck-
land, 1309 (NZ).

(74) PIPERS et al. / etc.; 18 Byron Ave, PO Box
5298, Takapuna, AUCKLAND, 1332 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H02J 5/00, H01F 38/14

(11) WO 2004/091069 (13) A1

(21) PCT/NZ2004/000067

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 525219 9 Apr/avr 2003 NZ
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DECOUPLING CIRCUITS
• CIRCUITS DE DECOUPLAGE

(71) AUCKLAND UNISERVICES LTD
[NZ/NZ]; Level 10, 70 Symonds St, Auck-
land, 1001 (NZ).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BOYS, John [NZ/NZ]; 15A Island Bay
Road, Birkdale, AUCKLAND, 1310 (NZ).
COVIC, Grant, Anthony [NZ/NZ]; 28
Haverstock Rd, Sandringham, AUCKLAND,
1333 (NZ).

(74) CARTWRIGHT, Peter et al. / etc.; 29 Wa-
terloo Road, Lower Hutt, 6009 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H02J 7/00

(11) WO 2004/091070 (13) A1

(21) PCT/AU2004/000464

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 2003901730 11 Apr/avr 2003 AU
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • POWER MANAGEMENT SYSTEM
• SYSTEME DE GESTION
D'ALIMENTATION

(71) COCHLEAR LIMITED [AU/AU]; 14
Mars Road, Lane Cove, New South Wales
2066 (AU).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DOELL, Walter [DE/CH]; c/- Helbling
Technik AG, Stationstrasse 12, CH-3097
Liebefeld-Bern (CH). FIEDLER, Dirk
[DE/AU]; c/- Cochlear Limited, 14 Mars
Road, Lane Cove, New South Wales 2066
(AU). HALLER, Markus [DE/CH]; c/-
Cochlear Acoustics Limited, Parc Scien-
tifique de l'EPFL, CH-1015 Lausanne (CH).

(74) F B RICE & CO; 139-141 Rathdowne
Street, Carlton, Victoria 3053 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H02K 1/12, 1/16

(11) WO 2004/091071 (13) A1

(21) PCT/CN2004/000164

(22) 2 Mar/mar 2004 (02.03.2004)

(25) zh (26) zh

(30) 03241246.0 9 Apr/avr 2003 CN
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PERMANENT MAGNETIC BIAS MAG-
NETIC TYPE RELUCTANCE MOTOR
• MOTEUR A RELUCTANCE DE TYPE
MAGNETIQUE A POLARISATION
MAGNETIQUE PERMANENTE

(71, 72) ZHU, Zhengfeng [CN/CN]; Room 605,
Bldg. 10, Gao Gong Village, No.121, Dong
Shui Road, Fuzhou, Fujian 350011 (CN).

(74) CHINA SCIENCE PATENT & TRADE-
MARK AGENT LTD; 15/F., Bldg. B,
Tsinghua Tongfang Hi-Tech Plaza, No.1,
Wangzhuang Rd., Haidian District, Beijing
100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (a)

(51)⁷ H02K 5/22, 29/08

(11) WO 2004/091072 (13) A1

(21) PCT/EP2004/002056

(22) 2 Mar/mar 2004 (02.03.2004)

(25) de (26) de

(30) 103 15 871.5 8 Apr/avr 2003 DE
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BRUSHLESS DIRECT CURRENT MO-
TOR (BLDC MOTOR)
• MOTEUR A COURANT CONTINU
SANS BALAIS

(71) INA-SCHAEFFLER KG [DE/DE]; Indus-
triestrasse 1-3, 91074 Herzogenaurach (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SCHÄFFER, Jens [DE/DE]; Spiegelgar-
tenstrasse 40, 91074 Herzogenaurach (DE).
STEIGERWALD, Martin [DE/DE]; Hein-
rich-Kirchner-Str.32, 91056 Erlangen (DE).

(74) INA-SCHAEFFLER KG; Industriestrasse
1-3, 91074 Herzogenaurach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H02K 7/08

(11) WO 2004/091073 (13) A1

(21) PCT/EP2004/003926

(22) 14 Apr/avr 2004 (14.04.2004)

(25) de (26) de

- (30) 103 17 128.2 **14 Apr/avr 2003** DE
(14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ELECTRIC MACHINE AND ASSEMBLY METHOD THEREFOR
• MACHINE ELECTRIQUE ET PROCEDE DE MONTAGE CORRESPONDANT
- (71) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH [DE/DE]; Carl-Wery-Str. 34, 81739 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOSTKA, Juraj [SK/SK]; Mierova 76, 06601 Humenné (SK). VRLIK, Jan [SK/SK]; Lipova 32, 07101 Michalovce (SK). WUSTMANN, Oswald [DE/DE]; Winterleitenweg 61, 97082 Würzburg (DE).
- (74) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH; Carl-Wery-Str. 34, 81739 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H02K 15/04
- (11) WO 2004/091074 (13) A1
- (21) PCT/JP2004/004865
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) ja (26) ja
- (30) 2003-103807 **8 Apr/avr 2003** JP
(08.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND APPARATUS FOR MANUFACTURING MOTOR COIL
• PROCEDE ET DISPOSITIF POUR FABRIQUER UNE BOBINE POUR MOTEUR
- (71) FUJI JUKOGYO KABUSHIKIKAISHA [JP/JP]; 7-2, Nishi-shinjuku 1-chome, Shinjuku-ku, Tokyo 160-8316 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MARUYAMA, Jiro [JP/JP]; c/o Fuji Jukogyo KabushikiKaisha, 7-2, Nishi-shinjuku 1-chome, Shinjuku-ku, Tokyo 160-8316 (JP). FUJIWARA, Motoyuki [JP/JP]; c/o Fuji Jukogyo KabushikiKaisha, 7-2, Nishi-shinjuku 1-chome, Shinjuku-ku, Tokyo 160-8316 (JP). MABUCHI, Nobuyuki [JP/JP]; c/o Fuji Jukogyo KabushikiKaisha, 7-2, Nishi-shinjuku 1-chome, Shinjuku-ku, Tokyo 160-8316 (JP). ETOH, Koji [JP/JP]; c/o Fuji Jukogyo KabushikiKaisha, 7-2, Nishi-shinjuku 1-chome, Shinjuku-ku, Tokyo 160-8316 (JP).
- (74) ETOH, Toshiaki; Showa Bldg. 9F, 8-18, Kyobashi 2-chome, Chuo-ku, Tokyo 104-0031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H02K 21/12
- (11) WO 2004/091075 (13) A2
- (21) PCT/FR2004/000787
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) fr (26) fr
- (30) 03/03980 **31 Mar/mar 2003** FR
(31.03.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SYNCHRONOUS ELECTRIC MOTOR COMPRISING A STATOR AND AT LEAST ONE ROTOR AND ASSOCIATED CONTROL DEVICE
• MACHINE ELECTRIQUE SYNCHRONISME COMPORTANT UN STATOR ET AU MOINS UN RETOR ET DISPOSITIF DE COMMANDE ASSOCIE
- (71) MOTEURS LEROY-SOMER [FR/FR]; Boulevard Marcellin-Leroy, F-16000 Angoulême (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ABOU-AKAR, Atef [FR/FR]; 12 rue des Fauvettes, 16340 L'Isle d'Espagnac (FR). SAINT-MICHEL, Jacques [FR/FR]; 24 Rempart Desaix, F-16000 Angoulême (FR).
- (74) TANTY, François; Nony & Associes, 3, rue de Penthievre, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H02K 21/44
- (11) WO 2004/091076 (13) A1
- (21) PCT/CN2004/000151
- (22) 27 Feb/fév 2004 (27.02.2004)
- (25) zh (26) zh
- (30) 03241247.9 **9 Apr/avr 2003** CN
(09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • AN OUTER MAGNETIC CIRCUIT BIAS MAGNETIC BIAS RELUCTANCE MACHINE WITH PERMANENT MAGNETS
• MACHINE A RELUCTANCE ET DISTORSION MAGNETIQUE COMPORTANT UN CIRCUIT MAGNETIQUE EXTERIEUR, POURVUE D'AIMANTS PERMANENTS
- (71, 72) ZHU, Zhengfeng [CN/CN]; Room 605, Bldg. 10, Gao Gong Village, No.121, Dong Shui Road, Fuzhou, Fujian 350011 (CN).
- (74) CHINA SCIENCE PATENT & TRADE-MARK AGENT LTD.; 15/F., Bldg. B, Tsinghua Tongfang Hi-Tech Plaza, No.1, Wangzhuang Rd., Haidian District, Beijing 100083 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (a)
- (51)⁷ H02K 33/00
- (11) WO 2004/091077 (13) A1
- (21) PCT/JP2004/004860
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) ja (26) ja
- (30) 2003-100832 **3 Apr/avr 2003** JP
(03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PROPORTIONAL ROTARY TORQUER
• MOTEUR-COUPLE DE ROTATION PROPORTIONNEL
- (71) MINEBEA CO., LTD [JP/JP]; 4106-73, Miyota, Oaza, Miyota-machi, Kitasaku-gun, Nagano 389-0293 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHOU, Shin [CN/JP]; c/o MINEBEA CO., LTD, Omori Manufacturing Unit, 4-18-18 Omori-nishi, Ota-ku, Tokyo 143-8543 (JP).
- (74) SUENARI, Mikio; Asaco Kyobashi Building 3rd Floor, 6-13, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK

MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H02K 33/00

(11) WO 2004/091078 (13) A1

(21) PCT/JP2004/004866

(22) 2 Apr/avr 2004 (02.04.2004)

(25) ja (26) ja

(30) 2003-100862 3 Apr/avr 2003 JP
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ROTARY ACTUATOR
• ACTIONNEUR ROTATIF

(71) MINEBEA CO. LTD. [JP/JP]; 4106-73,
Miyota, Oaza, Miyota-machi, Kitasaku-gun,
Nagano 389-0293 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) CHOU, Shin [CN/JP]; c/o MINEBEA
CO., LTD., Omori Manufacturing Unit,
4-18-18 Omori-nishi, Ota-ku, Tokyo
143-8543 (JP).

(74) SUENARI, Mikio; Asaco Kyobashi Build-
ing 3rd Floor, 6-13, Kyobashi-1-chome,
Chuo-ku, Tokyo 104-0031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H02K 41/02

(11) WO 2004/091079 (13) A1

(21) PCT/JP2004/004929

(22) 5 Apr/avr 2004 (05.04.2004)

(25) ja (26) ja

(30) 2003-102995 7 Apr/avr 2003 JP
(07.04.2003)

(30) 2003-369768 30 Oct/oct 2003 JP
(30.10.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CANNED LINEAR MOTOR ARMA-
TURE AND CANNED LINEAR MOTOR
• INDUIT DE MOTEUR LINEAIRE A EN-
VELOPPE METALLIQUE ET MOTEUR
LINEAIRE A ENVELOPPE METAL-
LIQUE

(71) KABUSHIKI KAISHA YASKAWA
DENKI [JP/JP]; 2-1, Kurosaki-shiroishi,
Yahatanishi-ku, kitakyushu-shi Fukuoka,
8060004 (JP).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) SHIKAYAMA, Toru [JP/JP]; c/o
KABUSHIKI KAISHA YASKAWA
DENKI 2-1, Kurosaki-shiroishi, Yahatan-
ishi-ku kitakyushu-shi Fukuoka, 8060004
(JP). NAGAMATSU, Yoshiyuki [JP/JP];
c/o KABUSHIKI KAISHA YASKAWA
DENKI 2-1, Kurosaki-shiroishi, Yahatan-
ishi-ku kitakyushu-shi Fukuoka, 8060004
(JP). TAKAKI, Mamoru [JP/JP]; c/o
KABUSHIKI KAISHA YASKAWA DENKI
2-1, Kurosaki-shiroishi, Yahatanishi-ku
kitakyushu-shi Fukuoka, 8060004 (JP).
MATSUZAKI, Mitsuhiro [JP/JP]; c/o
KABUSHIKI KAISHA YASKAWA DENKI
2-1, Kurosaki-shiroishi, Yahatanishi-ku ki-
takayushu-shi Fukuoka, 8060004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 49/00

(11) WO 2004/091080 (13) A2

(21) PCT/FR2004/000736

(22) 25 Mar/mar 2004 (25.03.2004)

(25) fr (26) fr

(30) 03/50080 31 Mar/mar 2003 FR
(31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ELECTROMAGNETIC RETARDER
FOR A VEHICLE
• RALENTISSEUR ELECTROMAGNE-
TIQUE D'UN VEHICULE

(71) TELMA [FR/FR]; 28 rue Paul Painlevé,
F-95310 Saint-Ouen Laumône (FR).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) LIU, Zeng, Gang [FR/FR]; 21 ter, rue de
Choisy, F-78780 Maurecourt (FR).

(74) GAMONAL, Didier; Valéo Equipements
Electriques Moteur, 2, rue André-Boulle,
F-94017 Créteil Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H02K 49/04

(11) WO 2004/091081 (13) A1

(21) PCT/FR2004/000737

(22) 25 Mar/mar 2004 (25.03.2004)

(25) fr (26) fr

(30) 03 50068 26 Mar/mar 2003 FR
(26.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ELECTROMAGNETIC RETARDER
FOR A VEHICLE COMPRISING AN
ALTERNATOR
• RALENTISSEUR ELECTROMAGNE-
TIQUE D'UN VEHICULE COMPOR-
TANT UN ALTERNATEUR

(71) TELMA [FR/FR]; 28 rue Paul Painlevé,
F-95310 Saint-Ouen Laumône (FR).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) LIU, Zeng, Gang [FR/FR]; 21ter rue de
Choisy, F-78780 Maurecourt (FR).

(74) GAMONAL, Didier; Valéo Equipements
Electriques Moteur, 2, rue André-Boulle,
F-94017 Créteil Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H02K 53/00, H02N 11/00

(11) WO 2004/091082 (13) A1

(21) PCT/CN2003/000474

(22) 18 Jun/juin 2003 (18.06.2003)

(25) zh (26) zh

(30) 03109145.8 7 Apr/avr 2003 CN
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MAGNETIC MACHINE
• MACHINE MAGNETIQUE

(71, 72) YANG, Tonglong [CN/CN]; Entrance 3,
Beitoux, Hengshun Alley Hengshandonglu
Road, Zhengding County, Hebei 050800
(CN).

(74) BEIJING SANYOU INTELLECTUAL
PROPERTY AGENCY LTD.; NO.40 North
Sanhuanzhonglu Road, Beijing 100088 (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H02K 53/00
- (11) WO 2004/091083 (13) A1
- (21) PCT/TR2004/000019
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 2003/00468 10 Apr/avr 2003 TR (10.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • A SYSTEM WHICH GENERATES ELECTRICAL POWER VIA AN ACCUMULATOR THAT PROVIDES THE INITIAL MOTION FOR THE SYSTEM
- SYSTEME DE GENERATION D'ELECTRICITE AU MOYEN D'UN ACCUMULATEUR QUI PRODUIT LE MOUVEMENT INITIAL POUR LE SYSTEME
- (71, 72) YILDIZ, Muammer [TR/TR]; Orhan Veli Sokak 23/10, Balçova, 35330 Izmir (TR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H02M
- (11) WO 2004/091084 (13) A2
- (21) PCT/US2004/009793
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 60/459,509 31 Mar/mar 2003 US (31.03.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • APPARATUS AND METHOD TO PROVIDE CURRENT LOCATION INFORMATION SERVICES IN A NETWORK
- APPAREIL ET PROCEDURE DE GENERATION DE SERVICES D'INFORMATION SUR UN EMPLACEMENT ACTUEL DANS UN RESEAU
- (71) AMERICA ONLINE INCORPORATED [US/US]; 22000 AOL Way, Dulles, VA 20166 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) AOKI, Norihiro, Edwin; 1296 Morningside Drive, Sunnyvale, CA 94087-1555 (US).
BARNES, Michaela, Ann, Beeby; 5125 Manning Drive, Bethesda, MD 20814 (US).
- (74) GLENN, Michael, A. et al. / etc.; Glenn Patent Group, 3475 Edison Way, Ste. L., Menlo Park, CA 94025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H02M 1/00, H03H 7/12, H02M 7/797
- (11) WO 2004/091085 (13) A1
- (21) PCT/FI2004/000192
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 20030525 8 Apr/avr 2003 FI (08.04.2003)
- (30) 20040034 13 Jan/jan 2004 FI (13.01.2004)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CONFIGURATION AND METHOD FOR PROTECTING CONVERTER MEANS
- CONFIGURATION ET PROCEDURE DE PROTECTION D'UN DISPOSITIF DE CONVERSION
- (71) ABB OY [FI/FI]; Strömbergintie 1, FI-00380 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VIRTANEN, Reijo [FI/FI]; Apajakuja 2 B 35, FI-01600 Vantaa (FI).
- (74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FI-00121 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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(u) for / pour US only / seulement
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- (51)⁷ H02M 5/00
- (11) WO 2004/091087 (13) A2
- (21) PCT/CA2004/000516
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 2,424,923 9 Apr/avr 2003 CA (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ENERGY SAVING ELECTRICAL POWER CONTROL AND METHOD
- DISPOSITIF ET PROCEDURE DE COMMANDE DE PUISSANCE PERMETTANT D'ECONOMISER L'ENERGIE

(71) **SINETEK INC.** [CA/CA]; 350, Highway 7 East, Suite 310, Richmond Hill, Ontario L4B 3N2 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIBSON, J. Alan** [CA/CA]; 101 Kersey Crescent, Richmond Hill, Ontario L4C 5X4 (CA).

(74) **EISEN, Mark, B.** et al. / etc.; Dimock Stratton LLP, Suite 3202, Box 102, 20 Queen St. W., Toronto, Ontario M5H 3R3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02P 6/18

(11) **WO 2004/091088** (13) A1

(21) PCT/EP2004/000353

(22) **19 Jan/jan 2004 (19.01.2004)**

(25) de (26) de

(30) 103 16 539.8 **10 Apr/avr 2003 DE (10.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CIRCUIT ARRANGEMENT AND METHOD FOR CONTROLLING A BRUSHLESS, PERMANENTLY EXCITED DIRECT CURRENT MOTOR

• ENSEMBLE CIRCUIT ET PROCÉDE D'EXCITATION D'UN MOTEUR A COURANT CONTINU A AIMANTS PERMANENTS SANS BALAIS

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) **DE FILIPPIS, Pietro** [IT/IT]; Via S. Gregorio No. 6, I-20124 Milano (IT). **LOHSE, Karsten** [DE/DE]; Reibeltgasse 2, 97070 Würzburg (DE). **SCHWARZKOPF, Johannes** [DE/DE]; Baumhofstr. 61, 97828 Marktheidenfeld (DE). **WÜNSCH, Eberhard** [DE/DE]; Hauptstr. 49, 97295 Waldbrunn (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02P 6/18

(11) **WO 2004/091089** (13) A1

(21) PCT/JP2004/004763

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) ja (26) ja

(30) 2003-101195 **4 Apr/avr 2003 JP (04.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MOTOR-DRIVE CONTROL DEVICE AND ELECTRIC POWER STEERING DEVICE USING THE SAME

• DISPOSITIF DE COMMANDE DE L'ENTRAÎNEMENT D'UN MOTEUR ET DISPOSITIF DE GUIDAGE A PUISSANCE ELECTRIQUE UTILISANT LEDIT DISPOSITIF

(71) **NSK LTD.** [JP/JP]; 6-3, Ohsaki 1-Chome, Shinagawa-Ku, Tokyo 141-8560 (JP). **NSK STEERING SYSTEMS CO., LTD.** [JP/JP]; 6-3, Ohsaki 1-Chome, Shinagawa-Ku, Tokyo 141-8560 (JP).

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(72, 75) **TA, CaoMinh** [VN/JP]; C/o Nsk Steering Systems Co., Ltd., 78, Toriba-machi, Maebashi-shi, Gunma 371-8527 (JP).

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KOBAYASHI, Hideyuki [JP/JP]; C/o Nsk Steering Systems Co., Ltd., 78, Toriba-machi, Maebashi-shi, Gunma 371-8527 (JP).

(74) **AGATA, Yuzo**; 13-5, Akasaka 2-Chome, Minato-Ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03B 5/04, G01S 1/02

(11) **WO 2004/091090** (13) A1

(21) PCT/AU2004/000450

(22) **7 Apr/avr 2004 (07.04.2004)**

(25) en (26) en

(30) 2003901650 **8 Apr/avr 2003 AU (08.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A RADIO BEACON

• RADIOPHARE

(71) **STANDARD COMMUNICATIONS PTY LTD** [AU/AU]; 6 Frank Street, Gladsville, NSW 2111 (AU).

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(72, 75) **BENNETT, Ashley** [AU/AU]; 51 Greyfriar Place, Kellyville, NSW 2155 (AU).

DUNCAN, Craig [AU/AU]; 5 Wren Court, Castle Hill, NSW 2154 (AU). **FAN, Sixiong** [AU/AU]; Unit 3, 61 West Parade, West Ryde, NSW 2114 (AU). **MADDOX, Chris** [AU/AU]; 4 Preston Road, Old Toongabbie, NSW 2146 (AU). **MAY, Lance** [AU/AU]; 4 Moutrie Place, Castle Hill, NSW 2154 (AU). **TODD, Vince** [AU/AU]; 36 Jamieson Avenue, Fairlight, NSW 2094 (AU). **WILSON-ELSWOOD, Kevan** [GB/AU]; 103 Damien Avenue, Greystanes, NSW 2145 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03F 1/02, 3/217, 1/32, 1/30

(11) **WO 2004/091091** (13) A1

(21) PCT/IB2004/050329

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 03100922.8 **7 Apr/avr 2003 EP (07.04.2003)**

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DIGITAL AMPLIFIER

• AMPLIFICATEUR NUMERIQUE

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(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(74) **MEYER, Michael**; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03F 1/02, 3/217, 1/30, 1/32

(11) WO 2004/091092 (13) A1

(21) PCT/IB2004/000936

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 03100920.2 7 Apr/avr 2003 EP (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DIGITAL AMPLIFIER
• AMPLIFICATEUR NUMERIQUE

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(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, 5621 BA Eindhoven (NL).
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(72, 75) ESGUEVILLAS, Javier F. [ES/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE). WENDT, Matthias [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE). STEADMAN, Roger [ES/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

(74) VOLMER, Georg; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03F 1/30

(11) WO 2004/091093 (13) A1

(21) PCT/JP2004/003962

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-102917 7 Apr/avr 2003 JP (07.04.2003)

(30) 2003-411545 10 Dec/déc 2003 JP (10.12.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TRANSMISSION AMPLIFIER
• AMPLIFICATEUR DE TRANSMISSION

(71) HITACHI KOKUSAI ELECTRIC INC. [JP/JP]; 14-20, Higashi-Nakano 3-chome, Nakano-ku, Tokyo 1648511 (JP).
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(72, 75) YAMAKAWA, Junichiro [JP/JP]; c/o HITACHI KOKUSAI ELECTRIC INC., 14-20, Higashi-Nakano 3-chome, Nakano-ku, Tokyo 1648511 (JP). DOSAKA, Junya [JP/JP]; c/o HITACHI KOKUSAI ELECTRIC INC., 14-20, Higashi-Nakano 3-chome, Nakano-ku, Tokyo 1648511 (JP).

(74) MORIYAMA, Tatsuo et al. / etc.; No. 6 Mitomo Bldg. 8F, 7-10, Ebisu-nishi 2-chome, Shibuya-ku, Tokyo 1500021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US; (t) for the following designation / pour la désignation suivante : US; (t) for the following designation / pour la désignation suivante : US; (t) for the following designation / pour la désignation suivante : US

(51)⁷ H03F 1/32

(11) WO 2004/091094 (13) A1

(21) PCT/JP2004/003966

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-102798 7 Apr/avr 2003 JP (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DISTORTION COMPENSATION DEVICE

• DISPOSITIF DE COMPENSATION DE DISTORSION

(71) HITACHI KOKUSAI ELECTRIC INC. [JP/JP]; 14-20, Higashi-Nakano 3-chome, Nakano-ku, Tokyo 1648511 (JP).
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(72, 75) HONGO, Naoki [JP/JP]; c/o HITACHI KOKUSAI ELECTRIC INC., 14-20, Higashi-Nakano 3-chome, Nakano-ku, Tokyo 1648511 (JP).

(74) MORIYAMA, Tatsuo et al. / etc.; No. 6 Mitomo Bldg. 8F, 7-10, Ebisu-nishi 2-chome, Shibuya-ku, Tokyo 1500021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US

(51)⁷ H03F 3/04

(11) WO 2004/091095 (13) A1

(21) PCT/US2004/010013

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/406,334 3 Apr/avr 2003 US (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SWITCHABLE AMPLIFIER CIRCUIT HAVING REDUCED SHUTDOWN CURRENT

• CIRCUIT AMPLIFICATEUR COMMUTABLE PRESENTANT UN COURANT D'ARRÊT RÉDUIT

(71) FAIRCHILD SEMICONDUCTOR CORPORATION [US/US]; 82 Running Hill Road, South Portland, ME 04106 (US).
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(71, 72) DeFALCO, John, A. [—/US]; 25 Queens View Road, Marlborough, MA 01752 (US). SHIROKOV, Mikhail, S. [—/US]; 945 Riverside Drive, Apt. 27A, Methuen, MA 01744 (US).

(74) FITZGERALD, Thomas, R.; 16 E. Main Street, Suite 210, Rochester, NY 14614-1803 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H03F 3/217, 1/32

(11) WO 2004/091096 (13) A1

(21) PCT/IB2004/001009

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 03100919.4 7 Apr/avr 2003 EP (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DIGITAL AMPLIFIER

• AMPLIFICATEUR NUMERIQUE

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE).
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(72, 75) WENDT, Matthias [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE). MOSELY, Iain [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE). ES-GUEVILLAS, Francisco [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

(74) VOLMER, Georg; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03G 1/00, 3/30

(11) WO 2004/091097 (13) A1

(21) PCT/EP2004/001766

(22) 23 Feb/fév 2004 (23.02.2004)

(25) en (26) en

(30) 03008289.5 9 Apr/avr 2003 EP (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • GLITCH-FREE CONTROLLABLE RF POWER AMPLIFIER

• AMPLIFICATEUR DE PUISSANCE RADIOELECTRIQUE REGULABLE SANS POINTE DE TENSION

(71) SONY ERICSSON MOBILE COMMUNICATIONS AB [SE/SE]; Nya Vattentornet, S-221 88 Lund (SE).

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(72, 75) FILIMONOV, Nikolai [RU/RU]; Aviamotornaya 8a, Moscow 111024 (RU). VARLAMOVS, Oleg [RU/RU]; Aviamotornaya 8a, Moscow 111024 (RU). ITKIN, Grigory [DE/DE]; Eduard-Schmid-Strasse 17, 81541 Munich (DE).

(74) KÖRBER, Martin; Mitscherlich & Partner, Sonnenstrasse 33, Postfach 33 06 09, 80066 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03H 9/17

(11) WO 2004/091098 (13) A1

(21) PCT/EP2004/001122

(22) 6 Feb/fév 2004 (06.02.2004)

(25) de (26) de

(30) 103 16 716.1 11 Apr/avr 2003 DE (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COMPONENT WITH A PIEZOELECTRIC FUNCTIONAL LAYER

• COMPOSANT A COUCHE FONCTIONNELLE PIEZOELECTRIQUE

(71) EPCOS AG [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).

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(72, 75) METZGER, Thomas [DE/DE]; Hochkalterstr. 9, 81547 München (DE). DIEKMANN, Christian [DE/DE]; Hohenbirkenstr. 51b, 83670 Bad Heilbrunn (DE). SCHMIDHAMMER, Edgar [DE/DE]; Hochgernstr. 28, 83371 Stein (DE).

(74) EPPING HERMANN FISCHER PATENTANWALTSGESELLSCHAFT MBH; Rüdlerstr. 55, 80339 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03K 5/04, H04Q 9/00

(11) WO 2004/091099 (13) A1

(21) PCT/JP2004/003812

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-105461 9 Apr/avr 2003 JP (09.04.2003)

(30) 2003-432559 26 Dec/déc 2003 JP (26.12.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • WAVEFORM SHAPING METHOD, WAVEFORM SHAPING DEVICE, ELECTRONIC DEVICE, WAVEFORM SHAPING PROGRAM, AND RECORDING MEDIUM

• PROCEDE, DISPOSITIF ET PROGRAMME DE FAÇONNAGE DE FORMES D'ONDES, DISPOSITIF ELECTRONIQUE ET SUPPORT D'ENREGISTREMENT

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 5458522 (JP).

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(72, 75) IKEDA, Yutaka ARAMAKI, Takashi

(74) HARA, Kenzo et al. / etc.; HARAKENZO WORLD PATENT & TRADEMARK PATENT LAW FIRM, Daiwa Minamimorimachi 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03L 1/02

(11) WO 2004/091100 (13) A1

(21) PCT/IB2004/050380

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 03100986.3 **11 Apr/avr 2003** EP
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE FOR DETECTING THE TEMPERATURE OF AN OSCILLATOR CRYSTAL

• DETECTEUR DE TEMPERATURE POUR CRISTAL OSCILLATEUR

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE).
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(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) NEUMANN, Markus [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(74) MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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

(11) WO 2004/091101 (13) A2

(21) PCT/US2004/010074

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/406,840 **4 Apr/avr 2003** US
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • APPARATUS AND METHOD OF PARALLEL PROCESSING AN MPEG-4 DATA STREAM

• APPAREIL ET PROCÉDE DE TRAITEMENT PARALLELE D'UN FLUX DE DONNEES MPEG-4

(71) SONY ELECTRONICS, INC. [US/US]; 1 Sony Drive, Park Ridge, Nj 07656-8003 (US).
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(72, 75) YAMANE, Masahito [JP/JP]; 1-6-11, Tsuchihash, Apt #503, Miyamae-ku, Kawasaki, Kanagawa (JP). WANG, Jason, N. [CN/US]; 1238 Oregold Place, San Jose, CA 95131 (US).

(74) OWENS, Jonathan, O. et al. / etc.; Haverstock & Owens LLP, 162 Norht Wolfe Road, Sunnyvale, CA 94086 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03M 13/00

(11) WO 2004/091102 (13) A1

(21) PCT/US2004/010187

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/459,677 **2 Apr/avr 2003** US
(02.04.2003)

(30) 10/637,844 **8 Aug/aout 2003** US
(08.08.2003)

(30) 10/815,413 **1 Apr/avr 2004** US
(01.04.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • EXTRACTING SOFT INFORMATION IN A BLOCK-COHERENT COMMUNICATION SYSTEM

• EXTRACTION D'INFORMATIONS PROGRAMMABLES DANS UN SYSTEME DE COMMUNICATION A BLOCS COHERENTS

(71) FLARION TECHNOLOGIES INC [US/US]; Bedminster One, 135 Route 202/206 South, Bedminster, NJ 07921 (US).
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(72, 75) JIN, Hui [CN/US]; 31 Meadowview Drive, Annendale, NJ 08801 (US). RICHARDSON, Tom [US/US]; 420 Clark Street, South Orange, NJ 07079 (US). NOVICHKOV, Vladimir [RU/US]; 2 Heritage Court, Towaco, NJ 07082 (US).

(74) STRAUB, Michael, P.; Straub & Pokotlyo, 620 Tinton Avenue, Bldg. B, 2nd Floor, Tinton Falls, NJ 07724-3260 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL

PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04B

(11) WO 2004/091103 (13) A2

(21) PCT/DE2004/000715

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 103 15 629.1 **4 Apr/avr 2003** DE
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR ANALYSING THE INTERFERENCE AND SUPPLY SITUATION IN UMTS SUB-NETWORKS

• PROCÉDE D'ANALYSE DE LA SITUATION D'INTERFERENCE ET DE MISE A DISPOSITION DANS DES SOUS-RESEAUX UMTS

(71) T-MOBILE DEUTSCHLAND GMBH [DE/DE]; Landgrabenweg 151, 53227 Bonn (DE).

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(72, 75) BEYER, Jürgen [DE/DE]; Talstrasse 12, 57250 Netphen (DE). BRÜCKEN, Reinhold [DE/DE]; Blankenheimer Strasse 11, 50937 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B

(11) WO 2004/091104 (13) A2

(21) PCT/US2004/010116

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,103 **31 Mar/mar 2003** US
(31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BROADBAND MULTI-INTERFACE MEDIA MODULE

- MODULE MULTIMEDIA A INTERFACES MULTIPLES A LARGE BANDE

(71) ARRIS INTERNATIONAL, INC. [US/US]; 3871 Lakefield Drive, Suwanee, GA 30024 (US).

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(72) CRAVEN, Jeff; 2765 Portabella Lane, Cumming, GA 30041 (**). BUGAJSKI, Mark; 4361 Riverbottom Drive, Norcross, GA 30092 (**).

(74) DOUGHTY, John; Arris International, Inc., 3871 Lakefield Drive, Suwanee, GA 30024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B

(11) WO 2004/091105 (13) A2

(21) PCT/US2004/010127

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,482 31 Mar/mar 2003 US (31.03.2003)

(30) PCT/US03/37233 19 Nov/nov 2003 US (19.11.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • APPARATUS AND METHOD FOR TESTING A SIGNAL PATH FROM AN INJECTION POINT

- APPAREIL ET PROCÉDE PERMETTANT DE TESTER LE PARCOURS D'UN SIGNAL A PARTIR D'UN POINT D'INJECTION

(71) UNIVERSITY OF UTAH RESEARCH FOUNDATION [US/US]; 615 Arapeen Drive, Suite 110, Salt Lake City, UT 84108 (US).

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(72, 75) FURSE, Cynthia [US/US]; 9400 Emigration Canyon, Salt Lake City, UT 84108 (US). LO, Chet [CN/US]; 2636 Stringham Ave, #A207, Salt Lake City, UT 84109 (US). CHUNG, You, Chung [KR/US]; 4439 Muir Field Drive, #20, Salt Lake City, UT 84104 (US).

(74) NORTH, Vaughn, W. et al. / etc.; Thorpe, North & Western LLP, P.O. Box 1219, Sandy, UT 84091-1219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B

(11) WO 2004/091106 (13) A2

(21) PCT/US2004/010452

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,238 3 Apr/avr 2003 US (03.04.2003)

(30) 10/817,501 2 Apr/avr 2004 US (02.04.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AUTOMATED PORTABLE REMOTE ROBOTIC TRANSCIEVER WITH DIRECTIONAL ANTENNA

- EMETTEUR-RECEPTEUR DISTANT PORTABLE AUTOMATISE POURVU D'UNE ANTENNE DIRECTIONNELLE

(71) OPTISTREAMS, INC. [US/US]; 7545 N. Del Mar Ave., Suite 203, Fresno, CA 93711-6872 (US).

(71, 72) DURBAN, Jack, P. [US/US]; 22371 Sunbrook, Mission Viejo, CA 92692 (US). GAHAN, Sean, K. [US/US]; 2850 East Solar, Fresno, CA 93720 (US).

(74) WILLIAMS, Frederick, C. et al. / etc.; Burns & Levinson LLP, 1030 Fifteenth Street, N.W., Suite 300, Washington, DC 20005-1501 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B

(11) WO 2004/091107 (13) A2

(21) PCT/US2004/009987

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,875 1 Apr/avr 2003 US (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MOBILE COMMUNICATION DEVICE WITH USER WELLNESS VERIFICATION

• DISPOSITIF DE COMMUNICATION MOBILE AVEC VERIFICATION DU BIEN-ETRE DE L'UTILISATEUR

(71) WILDSEED LTD. [US/US]; 10210 NE Points Drive, Suite 300, Kirkland, WA 98033 (US).

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(72, 75) ENGSTROM, G., Eric [US/US]; 12415 Holmes Pt. Dr. NE, Kirkland, WA 98033 (US). WAGGONER, Margaret, P. [US/US]; 12232 E. Cortez Drive, Scottsdale, AZ 85259 (US).

(74) AUYEUNG, Aloysius, T., C. et al. / etc.; Schwabe, Williamson & Wyatt, P.C., Pacwest Center, Suites 1600-1900, 1211 SW Fifth Avenue, Portland, OR 97204-3795 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04B 1/38, H04L 27/00, 7/00

(11) WO 2004/091108 (13) A1

(21) PCT/JP2004/004618

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-098295 1 Apr/avr 2003 JP (01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • INFORMATION PROCESSING TERMINAL SYSTEM AND TRANSMISSION/RECEPTION METHOD USING THE SAME

- SYSTEME DE TERMINAL DE TRAITEMENT D'INFORMATION ET PROCÉDE DE TRANSMISSION/RECEPTION METTANT EN OEUVRE UN TEL SYSTEME

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome Minato-ku Tokyo, 1088001 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) OGA, Toshiyuki, [JP/JP]; c/o NEC CORPORATION 7-1, Shiba 5-chome Minato-ku Tokyo, 1088001 (JP).

(74) KUDO, Minoru,.; 6F, KADOYA BLDG. 24-10, Minamiooi 6-chome Shinagawa-ku Tokyo, 1400013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

- SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ H04B 1/40, 1/48, 1/50, 1/54
(11) WO 2004/091109 (13) A2
(21) PCT/EP2004/000933
(22) 2 Feb/fév 2004 (02.02.2004)
(25) de (26) de
(30) 103 16 719.6 11 Apr/avr 2003 DE
(11.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • FRONT-END CIRCUIT FOR WIRE-
LESS TRANSMISSION SYSTEMS
• CIRCUIT TERMINAL FRONTAL POUR
SYSTEMES DE TRANSMISSION SANS
FIL
(71) EPCOS AG [DE/DE]; St.-Martin-Str. 53,
81669 München (DE).
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(74) EPPING HERMANN FISCHER PATEN-
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P.O. Box 200734, 80007 München (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ H04B 1/40, 1/16
(11) WO 2004/091110 (13) A1
(21) PCT/JP2003/004420
(22) 7 Apr/avr 2003 (07.04.2003)
(25) ja (26) ja
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • TRANSMISSION/RECEPTION DE-
VICE AND RECEPTION DEVICE
• DISPOSITIF D'EMISSIION/RECEPTION
ET DISPOSITIF DE RECEPTION
(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) ITO, Tatsuya [JP/JP]; c/o Mitsubishi
Denki Kabushiki Kaisha, 2-3, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(74) YOSHIDA, Shigeaki et al. / etc.; 10th
floor, Sumitomo-seimei OBP Plaza Bldg.,
4-70, Shiromi 1-chome, Chuo-ku, Osaka-shi,
Osaka 540-0001 (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 RO SE SK
TR).
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- (51)⁷ H04B 1/40
(11) WO 2004/091111 (13) A1
(21) PCT/JP2004/000503
(22) 21 Jan/jan 2004 (21.01.2004)
(25) ja (26) ja
(30) PCT/JP03/04420 7 Apr/avr 2003 JP
(07.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • TRANSCEIVER AND RECEIVER
• EMETTEUR-RECEPTEUR ET RECEP-
TEUR
(71) MITSUBISHI DENKI KABUSHIKI
KAISHA [JP/JP]; 2-3, Marunouchi 2-chome,
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*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) NAKAMIZO, Hideyuki [JP/JP]; C/o
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1008310 (JP). ITO, Tatsuya [JP/JP]; C/o
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Marunouchi 2-chome, Chiyoda-ku Tokyo,
1008310 (JP).
(74) YOSHIDA, Shigeaki et al. / etc.; Sumitomo-
seimei OBP Plaza Bldg. 10th Floor, 4-70, Shi-
romi 1-chome, Chuo-ku, Osaka-shi, Osaka,
5400001 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ H04B 3/54
(11) WO 2004/091113 (13) A1
(21) PCT/EP2004/050485
(22) 7 Apr/avr 2004 (07.04.2004)
(25) en (26) en
(30) 03100939.2 8 Apr/avr 2003 EP
(08.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • SYSTEM AND METHOD FOR DATA
COMMUNICATION OVER POWER
LINES
• SYSTEME ET PROCEDE DE COMMU-
NICATION DE DONNEES VIA DES
LIGNES ELECTRIQUES
(71) ACN ADVANCED COMMUNICATIONS
NETWORKS SA [CH/CH]; Rue du Puits-
Godet 8a, CH-2000 Neuchâtel (CH).
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(72, 75) HORVATH, Stephan [CH/CH]; Eichen-
weg 11, CH-2560 Nidau (CH). JAMIN,
Antony [FR/CH]; Rue de la Dime 47,
CH-2000 Neuchâtel (CH).
(74) SAAM, Christophe; P & TS SA, Terreaux 7,
Case Postale 2848, CH-2001 Neuchâtel (CH).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 7/005, H04L 1/18

(11) WO 2004/091114 (13) A1

(21) PCT/SE2004/000541

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 0301076-6 8 Apr/avr 2003 SE
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • POWER CONTROL AND AUTOMATIC
REPEAT REQUEST (ARQ) IN A RADIO
COMMUNICATIONS SYSTEM

- COMMANDE DE PUISSANCE ET DE-
MANDE DE REPETITION AUTOMA-
TIQUE (ARQ) DANS DES SYSTEMES
DE RADIOCOMMUNICATIONS

(71) TELEFONAKTIEBOLAGET LM ERIC-
SSON (PUBL) [SE/SE]; S-164 83 Stockholm
(SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BEMING, Per [SE/SE]; Frejgatan 58,
STOCKHOLM, 113 26 (SE). PARKVALL,
Stefan [SE/SE]; Sigtunagatan 18, STOCK-
HOLM, 113 22 (SE). SUNELL, Kai-Erik
[SE/SE]; Drevkarlsstigen 1, 9 tr, SOLLEN-
TUNA, 192 53 (SE). ENGLUND, Eva
[SE/SE]; Arbetaregatan 4A, LINKÖPING,
582 52 (SE).

(74) MAGNUSSON, Monica; Ericsson AB,
Patent Unit Radio Networks, S-164 80 Stock-
holm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP

(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(t) for the following designation / pour la
désignation suivante : US; (t) for the following
designation / pour la désignation suivante :
US; (t) for the following designation / pour la
désignation suivante : US; (t) for the following
designation / pour la désignation suivante : US
(u) for / pour US only / seulement

(51)⁷ H04B 7/06, 7/08, H01Q 1/22

(11) WO 2004/091115 (13) A1

(21) PCT/US2004/010281

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/407,606 3 Apr/avr 2003 US
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • ANTENNA DIVERSITY SYSTEM FOR
A MOBILE TELEPHONE

- SYSTEME A DIVERSITE D'ANTENNE
DESTINE A UN TELEPHONE MOBILE

(71) KYOCERA WIRELESS CORP. [US/US];
10300 Campus Point Drive, San Diego, CA
92121 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TRAN, Allen [US/US]; 10925 Corte
Mejilones, San Diego, CA 92130 (US).

(74) CONNELL, Kathleen, L. et al. / etc.; Ky-
ocera Wireless Corp., Attention: Patent De-
partment, P.O. Box 928289, San Diego, CA
92192-8289 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR

CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ H04B 7/26

(11) WO 2004/091116 (13) A2

(21) PCT/JP2004/002307

(22) 26 Feb/fév 2004 (26.02.2004)

(25) en (26) en

(30) 0307585.0 2 Apr/avr 2003 GB
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • DYNAMIC RESOURCE ALLOCATION
IN PACKET DATA TRANSFER

- ATTRIBUTION DE RESSOURCES DY-
NAMIQUE DANS UN TRANSFERT DE
DONNEES PAR PAQUETS

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) COOPER, David Edward,

(74) WASHIDA, Kimihito; 5th Floor, Shin-
toshicenter Bldg., 24-1, Tsurumaki 1-chome,
Tama-shi, Tokyo, 2060034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ H04B 7/26, H04Q 7/22, H04L 27/00

(11) WO 2004/091117 (13) A1

(21) PCT/JP2004/002956

(22) 8 Mar/mar 2004 (08.03.2004)

(25) ja (26) ja

(30) 2003-104405 8 Apr/avr 2003 JP
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • BASE STATION DEVICE AND ADAP-
TIVE MODULATION METHOD

- STATION DE BASE ET PROCEDE DE
MODULATION ADAPTATIVE

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ARAKI, Katsuhiko SATO, Takaaki

(74) WASHIDA, Kimihito; 5th Floor, Shin-toshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 2060034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 7/26

(11) WO 2004/091118 (13) A2

(21) PCT/JP2004/004649

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 0307585.0 2 Apr/avr 2003 GB (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DYNAMIC RESOURCE ALLOCATION IN PACKET DATA TRANSFER

• ATTRIBUTION DYNAMIQUE DES RESSOURCES EN MATIERE DE TRANSFERT DE PAQUET DE DONNEES

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COOPER, David, Edward

(74) WASHIDA, Kimihito; 5th Floor, Shin-toshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo, 2060034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 7/26

(11) WO 2004/091119 (13) A1

(21) PCT/JP2004/004892

(22) 5 Apr/avr 2004 (05.04.2004)

(25) ja (26) ja

(30) 2003-100075 3 Apr/avr 2003 JP (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • POSITIONING SYSTEM AND POSITIONING METHOD IN MOBILE COMMUNICATION NETWORK

• SYSTEME ET PROCEDE DE POSITIONNEMENT DANS UN RESEAU DE COMMUNICATION MOBILE

(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) ISHII, Kenichi [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).

(74) HAMADA, Haruo; Wisdom House, 4-12, Minami-Aoyama 3-chome, Minato-ku, Tokyo 107-0062 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04B 7/26

(11) WO 2004/091120 (13) A1

(21) PCT/KR2004/000646

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ko (26) en

(30) 10-2003-0018544 25 Mar/mar 2003 KR (25.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR OPERATING AN ACTIVE GPS RECEIVER USING A BTS POSITION REMOTE INPUT

• PROCEDE DE FONCTIONNEMENT D'UN RECEPTEUR GPS AU MOYEN D'UNE ENTREE A DISTANCE DE LA POSITION D'UNE STATION DE BASE

(71) UTSTARCOM KOREA LIMITED [KR/KR]; San 136-1, Ami-ri, Bubal-eub, Icheon-si, Kyongki-do 467-701 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Do Kyoung [KR/KR]; Seogeon Juteak Ga-202, 16-8 Yangjae-dong, Seocho-gu, Seoul 137-130 (KR).

(74) YOON, Jee Hong; Hannuri Bldg., 219, Naeja-dong, Chongno-gu, Seoul 110-053 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 10/17, H04J 14/02, G02F 1/35, H01S 3/30

(11) WO 2004/091121 (13) A1

(21) PCT/JP2003/004289

(22) 3 Apr/avr 2003 (03.04.2003)

(25) ja (26) ja

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OPTICAL AMPLIFIER AND OPTICAL COMMUNICATION SYSTEM

• AMPLIFICATEUR OPTIQUE ET SYSTEME DE COMMUNICATION OPTIQUE

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISSHIKI, Kunihiko [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT RO SE SK TR).

(51)⁷ H04B 10/18, 10/17

(11) WO 2004/091122 (13) A1

(21) PCT/FR2004/000799

(22) 30 Mar/mar 2004 (30.03.2004)

(25) fr (26) fr

(30) 03/03967 31 Mar/mar 2003 FR (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OPTICAL DEVICE, ESPECIALLY FOR THE SUPPRESSION OF A RAYLEIGH DOUBLE BACKSCATTERED NOISE AND SYSTEM COMPRISING SAID DEVICE

• DISPOSITIF OPTIQUE, NOTAMMENT DE SUPPRESSION DU BRUIT DIT DE DOUBLE RETRO-DIFFUSION RAYLEIGH, ET INSTALLATION COMPORTANT UN TEL DISPOSITIF

(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) CAPOUILLIET, Sylvain [FR/FR]; 928 Route de Roubaix, F-59226 Lecelles (FR).
(71) PINCEMIN, Erwan [FR/FR]; Kernevez, F-22290 Gommenech (FR).

(74) REMY, Vincent; Cabinet Lhermet la Bigne & Remy, 191, rue Saint-Honoré, F-75001 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 10/20, H01S 3/30, 3/10, G02F 1/35

(11) WO 2004/091123 (13) A1

(21) PCT/JP2004/004664

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-099570 2 Apr/avr 2003 JP (02.04.2003)

(30) 2003-110699 15 Apr/avr 2003 JP (15.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OPTICAL COMMUNICATION SYSTEM HAVING OPTICAL AMPLIFICATION FUNCTION

• SYSTEME DE COMMUNICATION OPTIQUE DOTÉ D'UNE FONCTION D'AMPLIFICATION OPTIQUE

(71) SUMITOMO ELECTRIC INDUSTRIES, LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YADA, Katsuhiko [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP).

(74) INAOKA, Kosaku et al. / etc.; c/o Ai Association of Patent and Trademark Attorneys, Sun mullion NBF Tower, 21st Floor, 6-12, Minamihommachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 17/00, H04Q 7/34

(11) WO 2004/091124 (13) A1

(21) PCT/KR2004/000521

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10-2003-0022591 10 Apr/avr 2003 KR (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE AND METHOD FOR MEASURING RECEIVE SENSITIVITY OF COMMUNICATION SYSTEM INCLUDING RECEIVE-ONLY PATH

• DISPOSITIF ET PROCÉDE DE MESURE DE LA SENSIBILITÉ DE RÉCEPTION D'UN SYSTÈME DE COMMUNICATION COMPRENANT UN CHEMIN DE RÉCEPTION SEULEMENT

(71) KTFREETEL CO. LTD. [KR/KR]; 890-20, Daechi-dong, Gangnam-gu, Seoul 135-280 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OH, Young-Min [KR/KR]; 127-103 Sibeomhanshin apt., 87 Seohyeon-dong, Bundang-gu, Seongnam-city, Gyeonggi-do 463-050 (KR). JANG, Ki-Taeg [KR/KR]; 309-1101 GgummaeulDonga apt., Pyeongchon-dong, Dongan-gu, Anyang-city, Gyeonggi-do 431-070 (KR). CHO, Hyung-Sik [KR/KR]; 801-1301 Jinheung apt., Imae-dong, Bundang-gu, Seongnam-city, Gyeonggi-do 463-904 (KR). SHIN, Hyung-Sup [KR/KR]; 518-105 Jaegabalbyeoksan apt., 266-3 Siheung-dong, Geumcheon-gu, Seoul 153-031 (KR).

(74) YOU ME PATENT & LAW FIRM; 825-33 Teheran Bldg., Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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

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(21) PCT/US2004/010186

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/459,677 2 Apr/avr 2003 US (02.04.2003)

(30) 10/637,844 8 Aug/août 2003 US (08.08.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHODS AND APPARATUS FOR INTERLEAVING IN A BLOCK-COHERENT COMMUNICATION SYSTEM

• PROCÉDES ET APPAREIL D'IMBRICATION DANS UN SYSTÈME DE COMMUNICATION A BLOCS COHERENTS

(71) FLARION TECHNOLOGIES, INC. [US/US]; Bedminster, 135 Route 202/206 South, Bedminster, NJ 07921 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JIN, Hui [CN/US]; 31 Meadowview Drive, Annendale, NJ 08801 (US). RICHARDSON, Tom [US/US]; 420 Clark Street, South Orange, NJ 07079 (US). NOVICHKOV, Vladimir [RU/US]; 2 Heritage Court, Towaco, NJ 07082 (US).

(74) STRAUB, Michael, P.; Straub & Pokotylo, 620 Tinton Avenue, Bldg. B, 2nd Floor, Tinton Falls, NJ 07724-3260 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04J 11/00

(11) WO 2004/091126 (13) A1

(21) PCT/JP2004/004875

(22) 2 Apr/avr 2004 (02.04.2004)

(25) ja (26) ja

(30) 2003-102018 4 Apr/avr 2003 JP (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BASE STATION DEVICE AND COMMUNICATION METHOD

• DISPOSITIF DE STATION DE BASE ET PROCÉDE DE COMMUNICATION

(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) NISHIO, AkihikoHIRAMATSU, KatsuhikoYOSHII, Isamu

(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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L

(11) WO 2004/091127 (13) A2

(21) PCT/US2004/010117

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,287 31 Mar/mar 2003 US (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BLIND EQUALIZERS USING PROBABILITY DENSITY MATCHING AND PARZEN WINDOWING
• EGALISEURS AVEUGLES FAISANT INTERVENIR LA MISE EN CORRESPONDANCE DE DENSITE DE PROBABILITE ET LE FENETRAGE DE PARZEN

(71) UNIVERSITY OF FLORIDA [US/US]; 223 Grinter Hall, Gainesville, FL 32611 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) ERDOGMUS, Deniz; 2915-67 S.W. 13th Street, Gainesville, FL 32608 (US). LAZARO, Marcelino; c/Polvoranca No.1, 2B, Leganes, E-28911 Madrid (ES). PRINCIPE, Jose Carlos; 5027 N.W. 67th Street, Gainesville, FL 32653 (US). SANTA-MARIA, Ignacio; Barrio Puntania 1A, N 8, E-29120 Cantabria (ES).

(74) CUENOT, Kevin, T.; Akerman Senterfitt, P.O. Box 3188, West Palm Beach, FL 33402-3188 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 1/16

(11) WO 2004/091128 (13) A1

(21) PCT/JP2004/004894

(22) 5 Apr/avr 2004 (05.04.2004)

(25) ja (26) ja

(30) 2003-101706 4 Apr/avr 2003 JP (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • RADIO TRANSMISSION DEVICE AND RADIO TRANSMISSION METHOD
• PROCEDE ET DISPOSITIF DE TRANSMISSION RADIO

(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) HAGIWARA, YuichiMAEDA, Yoichi

(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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 1/18

(11) WO 2004/091129 (13) A1

(21) PCT/SE2003/000589

(22) 10 Apr/avr 2003 (10.04.2003)

(25) en (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND SYSTEM OF RETRANSMISSION
• PROCEDE ET SYSTEME DE RETRANSMISSION

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-164 83 Stockholm (SE).
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(72, 75) TORSNER, Johan [SE/FI]; Grindbergsgatan 6 A 3, FIN-02600 Espoo (FI). PEISA, Janne [FI/FI]; Metsäpirtintie 12D17, FIN-02130 Espoo (FI).

(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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT

RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 1/18, 29/08, 12/56

(11) WO 2004/091130 (13) A1

(21) PCT/SE2004/000543

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 0301048-5 7 Apr/avr 2003 SE (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • RLC WINDOW SIZE RECONFIGURATION
• RECONFIGURATION DE LA DIMENSION D'UNE FENETRE RLC

(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) [SE/SE]; S-164 83 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERGSTRÖM, Joakim [SE/SE]; Erik Dahlbergsgatan 29 B, 5tr, S-115 32 STOCKHOLM (SE). VAN LIESHOUT, Gert-Jan [NL/NL]; Soerenseweg 40, NL-7314 CG APELDOORN (NL). TORSNER, Johan [FI/FI]; Metsätöppantie 2C9, FIN-02430 MASALA (FI).

(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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ H04L 7/00

(11) WO 2004/091131 (13) A1

(21) PCT/EP2004/003716

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 03290930.1 14 Apr/avr 2003 EP
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND APPARATUS FOR
GENERATING A PHASE SHIFTED
OUTPUT CLOCK SIGNAL• PROCEDE ET APPAREIL GENERANT
UN SIGNAL D'HORLOGE DE SORTIE
DEPHASE(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) KIRMSER, Stephane [FR/DE];
Wilhelm-Riehl-Strasse 17 C, 80687
Munich (DE). KOREN, Ivo [CZ/DE];
Anette-Kolb-Anger 11, 81737 Munich (DE).
LE TUAL, Stéphane [FR/FR]; 25. lot le
Cordées, F-38113 Veurey-Voroize (FR).(74) BANZER, Hans-Jörg; c/o Kraus & Weisert,
Thomas-Wimmer-Ring 15, 80539 Munich
(DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ H04L 9/00, 9/32, G06F 7/00, 11/30, 12/14,
15/00, 17/00, H04N 7/167, H04K 1/00

(11) WO 2004/091132 (13) A1

(21) PCT/IL2003/000969

(22) 16 Nov/nov 2003 (16.11.2003)

(25) en (26) en

(30) 155416 13 Apr/avr 2003 IL
(13.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM FOR SECURING ACCESS TO
DATA STREAMS• SYSTEME DE SECURISATION
D'ACCES A DES FLUX DE DONNEES(71) NDS LIMITED [GB/GB]; One London
Road, Staines, Middlesex TW18 4EX (GB).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) KAMINS, Josh [IL/IL]; 304/2
Shlomtzion Street, 90942 Elazar (IL).
WALD, Stephanie [IL/IL]; 3 Be'erot Street,
90917 Givat Zeev (IL). BELENKY, Yaacov[IL/IL]; 27/2 Hakinor Street, 98371 Maaleh
Adumim (IL). BOGOT, Carmi [IL/IL];
15/2 Ha-Matazdim Street, 98420 Maaleh
Adumim (IL). ICKOWICZ, Gabi [IL/IL];
41 HaAshot Selma Street, Givat Mashua,
96401 Jerusalem (IL). STROH, Uri [IL/IL];
73 Shachal Street, 93721 Jerusalem (IL).
WACHTFOGEL, Abraham [IL/IL]; 71935
Dolev (IL).(74) SANFORD T. COLB & CO. et al. / etc.;
P.O. Box 2273, 76122 Rehovot (IL).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).(51)⁷ H04L 9/14

(11) WO 2004/091133 (13) A1

(21) PCT/JP2004/004966

(22) 6 Apr/avr 2004 (06.04.2004)

(25) ja (26) ja

(30) 2003-103600 8 Apr/avr 2003 JP
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DATA TRANSMISSION METHOD

• PROCEDE DE TRANSMISSION DE
DONNEES(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) ITO, Yujiro [JP/JP]; c/o SONY COR-
PORATION, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001 (JP). SHI-
MOSATO, Tsutomu [JP/JP]; c/o SONY
CORPORATION, 7-35, Kitashinagawa
6-chome, Shinagawa-ku, Tokyo 141-0001
(JP).(74) KAMBARA, Sadaaki; KAMBARA &
ASSOCIATES, Saginuma Center Bldg.,
2-6, Saginuma 3-chome, Miyamae-ku,
Kawasaki-shi, Kanagawa 216-0004 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ H04L 9/32

(11) WO 2004/091134 (13) A1

(21) PCT/GB2004/001484

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 20031568 7 Apr/avr 2003 NO
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A METHOD AND SERVICE FOR THE
AUTHENTICATION OF A PUBLIC
KEY CERTIFICATE BY MEANS OF
QUALITY CHARACTERISTICS• PROCEDE ET SERVICE
D'AUTHENTIFICATION D'UN
CERTIFICAT DE CLE PUBLIQUE A
L'AIDE DE CARACTERISTIQUES DE
QUALITE(71) INTERNATIONAL BUSINESS MA-
CHINES CORPORATION [US/US]; New
Orchard Road, Armonk, NY 10504 (US).(for all designated States except / pour tous
les États désignés sauf US)(71) IBM UNITED KINGDOM LIMITED
[GB/GB]; P.O. Box 41, North Harbour,
Portsmouth Hampshire PO6 3AU (GB).

(only for / seulement pour MG)

(72, 75) FALCH, Konrad [NO/NO]; Grinigt,
3, N-4317 Sandnes (NO). LEMBERG,
Trond [NO/NO]; Sveiserveien 29, N-0683
Oslo (NO). LIBERG, Hakon [NO/NO];
Frysjaveien 3, N-0883 Oslo (NO). LIE,
Anund [NO/NO]; Asdalsveien 52 A, N-1167
Oslo (NO). MYRSETH, Per [NO/NO];
Roaveien 13, N-0752 Oslo (NO). OLNES,
Jon [NO/NO]; Haraldsheimveien 9, N-0587
Oslo (NO).(74) WILLIAMS, Julian, David; IBM United
Kingdom Limited, Intellectual Property Law,
Hursley Park, Winchester Hampshire SO21
2JN (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ H04L 9/32

(11) WO 2004/091135 (13) A1

(21) PCT/GB2004/001549

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 0308422.5 11 Apr/avr 2003 GB
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM AND METHOD FOR AU-
THENTICATING DOCUMENTS• SYSTEME ET PROCEDE
D'AUTHENTIFICATION DE DOCU-
MENTS

- (71) **NEXTENDERS (INDIA) PRIVATE LIMITED** [IN/IN]; Yuchit, Juhu Tara Road, Mumbai 400 049 (IN).
(for all designated States except / pour tous les États désignés sauf PG US)
- (71) **ZOOM CORTEX LIMITED** [GB/GB]; Carnisla 2B, Aldersey Road, Guildford GU1 2ES (GB).
(only for / seulement pour PG)
- (72, 75) **SHEVADE, Ravindra, Waman** [IN/IN]; D-01, 403 Santoor, Lokpuram, off Pokhran Road No. 2, Thane 400 601, Maharashtra (IN).
- (74) **DEVILE, Jonathan, Mark 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **H04L 12/00**
- (11) **WO 2004/091136** (13) A2
- (21) PCT/US2004/010237
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) en (26) en
- (30) 60/460,579 **4 Apr/avr 2003** US
(04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **MULTI-NODE SYSTEM IN WHICH GLOBAL ADDRESS GENERATED BY PROCESSING SUBSYSTEM INCLUDES GLOBAL TO LOCAL TRANSLATION INFORMATION**
- **SYSTEME MULTI-NODAL OU L'ADRESSE GLOBALE PRODUITE PAR LE SOUS-SYSTEME DE TRAITEMENT INTEGRE UNE INFORMATION DE TRADUCTION DE GLOBAL A LOCAL**
- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 4150 Network Circle, Santa Clara, CA 95054 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CYPHER, Robert, E.** [US/US]; 18460 Montpere Way, Saratoga, CA 95070 (US).
LANDIN, Anders [SE/US]; 546 Dartmouth Avenue, San Carlos, CA 94070 (US).
HAGERSTEN, Erik, E. [SE/SE]; Dobelnsgr 17, S-75237 Uppsala (SE).
- (74) **MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C.**; ATTN: KIVLIN, B. Noel, P.O. Box 398, Austin, TX 78767-0398 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **H04L 12/24**
- (11) **WO 2004/091138** (13) A1
- (21) PCT/US2004/009872
- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) en (26) en
- (30) 60/460,208 **4 Apr/avr 2003** US
(04.04.2003)
- (36) 60/460,258 **4 Apr/avr 2003** US
(04.04.2003)
- (37) 60/460,467 **4 Apr/avr 2003** US
(04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **METHOD AND SYSTEM FOR MANAGEMENT AND CONFIGURATION OF REMOTE AGENTS**
- **PROCEDE ET SYSTEME POUR LA GESTION ET LA CONFIGURATION D'AGENTS ELOIGNES**
- (71) **COMPUTER ASSOCIATES THINK, INC.** [US/US]; One Computer Associates Plaza, Islandia, NY 11749 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RUTVIK, Doshi** [US/US]; 1400 Worcester Road, Apt. 210, Framingham, MA 01702 (US).
KARTIK, Shankaranarayanan; 1400 Worcester Road, Apt. 7514, Framingham, MA 01702
SAURAV, Mohapatra; 1400 Worcester Road, Apt. 8302, Framingham, MA 01702
- (74) **JAWORSKI, Richard, F.**; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **H04L 12/26**
- (11) **WO 2004/091139** (13) A1
- (21) PCT/CN2004/000326
- (22) **8 Apr/avr 2004 (08.04.2004)**
- (25) zh (26) zh
- (30) 03109394.9 **8 Apr/avr 2003** CN
(08.04.2003)
- (30) 03110054.6 **14 Apr/avr 2003** CN
(14.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **A METHOD OF TESTING DIGITAL SUBSCRIBER LINE BROADBAND SERVICE**
- **PROCEDE PERMETTANT DE TESTER DES SERVICES A LARGE BANDE D'UNE LIGNE D'ABONNE NUMERIQUE**
- (71) **HUAWEI TECHNOLOGIES CO.,LTD.** [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
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- (72, 75) **ZHANG, Hongyuan** [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
ZHANG, Hao [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
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- (74) **DEQI INTELLECTUAL PROPERTY LAW CORPORATION**; 8 Fl., Golder Plaza, No.10 Huayuan-donglu, Haidian District, Beijing 100083 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **H04L 12/26**
- (11) **WO 2004/091140** (13) A2
- (21) PCT/FR2004/000800
- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) fr (26) fr
- (30) 03/03966 **31 Mar/mar 2003 FR (31.03.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **DEVICE FOR MEASURING SERVICE QUALITY AND USE OF SAID DEVICE IN A REAL-TIME DATA TRANSMISSION NETWORK**
- **DISPOSITIF DE MESURE DE QUALITE DE SERVICE ET UTILISATION D'UN TEL DISPOSITIF DANS UN RESEAU DE TRANSMISSION DE DONNEES EN TEMPS REEL**
- (71) **FRANCE TELECOM** [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).
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- (72, 75) **DALOZ, Claude** [FR/FR]; 24, allé des ajoncs, F-22300 Lannion (FR). **L'HOSTIS, Michel** [FR/FR]; 912, route de la Corniche, F-22310 Plestin les Greves (FR).
- (74) **REMY, Vincent**; Cabinet Lhermet la Bigne & Remy, 191, rue Saint-Honoré, F-75001 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **H04L 12/26**
- (11) **WO 2004/091141** (13) A1
- (21) PCT/IB2003/001490
- (22) **14 Apr/avr 2003 (14.04.2003)**
- (25) en (26) en
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **COMPUTER SYSTEM TO RECORD, PROCESS AND ANALYSE INFORMATION CONCERNING COMMUNICATIONS TRANSMITTED THROUGH A TELECOMMUNICATIONS NETWORK MANAGED BY AT LEAST ONE COMPUTER AND A METHOD TO IMPLEMENT SUCH COMPUTER SYSTEM**
- **SYSTEME INFORMATIQUE POUR ENREGISTRER, TRAITER ET ANALYSER DES INFORMATIONS CONCERNANT DES COMMUNICATIONS TRANSMISES PAR L'INTERMEDIAIRE D'UN RESEAU DE TELECOMMUNICATIONS GERE PAR AU MOINS UN ORDINATEUR, ET PROCEDE POUR LA MISE EN OEUVRE DE CE SYSTEME INFORMATIQUE**
- (71) **BSAFE INFORMATION SYSTEMS (1983) LTD.** [IL/IL]; Industrial & Business Park, P. O. Box 12325, Herzlia 46733 (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOUGANIM, Shimon** [IL/IL]; Hama-hayan 3, Rishon L-zion (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 NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **H04L 12/26, G06F 17/10**
- (11) **WO 2004/091142** (13) A1
- (21) PCT/JP2004/003802
- (22) **19 Mar/mar 2004 (19.03.2004)**
- (25) ja (26) ja
- (30) 2003-098194 **1 Apr/avr 2003 JP (01.04.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **SIGNAL PATTERN GENERATION DEVICE, SIGNAL PATTERN GENERATION METHOD, PROGRAM CAUSING A COMPUTER SYSTEM TO EXECUTE THE SIGNAL PATTERN GENERATION METHOD, COMPUTER-READABLE STORAGE MEDIUM CONTAINING THE PROGRAM, NETWORK RESISTANCE TEST SYSTEM, AND NETWORK RESISTANCE TEST METHOD**

- **DISPOSITIF ET PROCEDE DE GENERATION DE MOTIFS DE SIGNAUX, PROGRAMME CONTRAIGNANT UN SYSTEME INFORMATIQUE D'EXECUTER LE PROCEDE DE GENERATION DE MOTIFS DE SIGNAUX, SUPPORT D'ENREGISTREMENT LISIBILE PAR ORDINATEUR RENFERMANT LE PROGRAMME, SYSTEME ET PROCEDE DE TEST DE LA RESISTANCE DU RESEAU**

- (71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road Armonk, New York 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHIMIZU, Junya** [JP/JP]; c/o Tokyo Research Laboratory, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 2428502 (JP).
- (74) **SAKAGUCHI, Hiroshi**; c/o Yamato site, IBM Japan Ltd. 1623-14, Shimotsuruma, Yamato-shi., Kanagawa 2428502 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ **H04L 12/28**
- (11) **WO 2004/091143** (13) A2
- (21) PCT/CA2003/001809
- (22) **21 Nov/nov 2003 (21.11.2003)**
- (25) en (26) en
- (30) 60/461,344 **9 Apr/avr 2003 US (09.04.2003)**
- (30) 10/682,086 **10 Oct/oct 2003 US (10.10.2003)**
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **METHOD, APPARATUS AND SYSTEM OF CONFIGURING A WIRELESS DEVICE BASED ON LOCATION**
- **PROCEDE, APPAREIL ET SYSTEME DE CONFIGURATION D'UN DISPOSITIF SANS FIL ORIENTEE LOCALISATION**
- (71) **NORTEL NETWORKS LIMITED** [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec H4S 2A9 (CA).
- (72) **STEER, David**; #10, Cypress Court, Nepean, Ontario K2H 8Z8 (CA). **TEO, Koon, Hoo**; 9 Northgate Street, Nepean, Ontario K2G 6C7 (CA). **SMITH, Adrian, David**; 23 Milne Crest, Kanata, Ontario K2K 1H7 (CA).
- (74) **WALTERS, David, M.** et al. / etc.; Smart & Biggar, P.O.Box 2999, Station D, 900-55 Metcalfe Street, Ottawa, Ontario K1P 5Y6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ H04L 12/28

(11) WO 2004/091144 (13) A1

(21) PCT/CN2004/000353

(22) 14 Apr/avr 2004 (14.04.2004)

(25) zh (26) zh

(30) 03121827.X 14 Apr/avr 2003 CN
(14.04.2003)

(30) 03149500.1 24 Jun/juin 2003 CN
(24.06.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A DIGITAL SUBSCRIBER LOOP TER-
MINAL DEVICES MANAGEMENT
SYSTEM

• SYSTEME DE GESTION DE DIS-
POSITIFS TERMINAUX DE LIGNE
D'ABONNE NUMERIQUE

(71) HUAWEI TECHNOLOGIES CO., LTD
[CN/CN]; Huawei Administration Build-
ing, Bantian, Longgang District, Shen-
zhen, Guangdong 518129 (CN).

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(72, 75) LI, Jie [CN/CN]; Huawei Administration
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zhen, Guangdong 518129 (CN). ZHANG,
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tion Building, Bantian, Longgang District,
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zhen, Guangdong 518129 (CN).

(74) DEQI INTELLECTUAL PROPERTY
LAW CORPORATION; 8 Fl., Golder
Plaza, No. 10 Huayuan-donglu, Haidian
District, Beijing 100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04L 12/28, 12/46

(11) WO 2004/091145 (13) A2

(21) PCT/IB2004/050379

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 03100957.4 9 Apr/avr 2003 EP
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • NETWORK WITH SUBNETS BEING
CONNECTABLE VIA BRIDGE TERMI-
NALS

• RESEAU A SOUS-RESEAUX RAC-
CORDABLES PAR TERMINAUX EN
PONT

(71) PHILIPS INTELLECTUAL PROPERTY
& STANDARDS GMBH [DE/DE]; Stein-
damm 94, 20099 Hamburg (DE).

(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous
les États désignés sauf DE US)

(72, 75) PEETZ, Jörg [DE/DE]; c/o Philips
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Weisshausstr. 2, 52066 Aachen (DE). EFE,
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GmbH, Weisshausstr. 2, 52066 Aachen (DE).
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(74) MEYER, Michael; Philips intellectual Prop-
erty & Standards GmbH, Weisshausstr. 2,
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04L 12/28

(11) WO 2004/091146 (13) A1

(21) PCT/JP2003/004428

(22) 8 Apr/avr 2003 (08.04.2003)

(25) ja (26) ja

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR RESERVING COM-
MUNICATION AREA AND RADIO
COMMUNICATION DEVICE USED
FOR THIS METHOD

• PROCEDE DE RESERVATION DE
ZONE DE COMMUNICATION ET
DISPOSITIF DE RADIO COMMUNI-
CATION MIS EN OEUVRE DANS CE
PROCEDE

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
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(72, 75) HIRANO, Jun [JP/JP]; 3-20-9-206,
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(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 NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H04L 12/28, 12/56, H04J 3/00

(11) WO 2004/091147 (13) A1

(21) PCT/JP2004/004480

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-107134 10 Apr/avr 2003 JP
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • STREAM DATA TRANSMITTING AP-
PARATUS AND METHOD

• DISPOSITIF ET PROCEDE DE TRANS-
MISSION DE DONNEES EN FLOT

(71) SHARP KABUSHIKI KAISHA [JP/JP];
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Yanagimoto-cho, Tenri-shi, Nara 6320052
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(74) SHIMIZU, Satoshi; Oak Nishitemma Build-
ing 3rd Floor, 3-9, Nishitemma 2-chome
Kita-ku, Osaka-shi, Osaka 5300047 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/46, 12/28

(11) WO 2004/091148 (13) A1

(21) PCT/JP2003/004365

(22) 4 Apr/avr 2003 (04.04.2003)

(25) ja (26) ja

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MOBILE TERMINAL AND RADIO ACCESS POINT IN RADIO ACCESS SYSTEM

• TERMINAL MOBILE ET POINT D'ACCES RADIO DANS UN SYSTEME D'ACCES RADIO

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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(72, 75) MORI, Masaru [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04L 12/56

(11) WO 2004/091149 (13) A2

(21) PCT/GB2004/001448

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0308137.9 9 Apr/avr 2003 GB (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND APPARATUS FOR DATA LOGGING

• PROCEDE ET APPAREIL D'ENREGISTREMENT DE DONNEES

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FRICKE, Volker [DE/DE]; Scheunenweg 3, 71155 Altdorf (DE). NOBLE, Gary, Paul [GB/GB]; 5 Laverton Meadow Cottages, North Broadway, Worcestershire WR12 7NA (GB). TRICE, Wendy, Ann [GB/GB]; 6 Woodville Close, Basingstoke, Hampshire RG24 8GS (GB).

(74) WALDNER, Philip; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

(11) WO 2004/091150 (13) A2

(21) PCT/GB2004/001453

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 0307914.2 5 Apr/avr 2003 GB (05.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CYTOCHROME P450
• CYTOCHROME P450

(71) UNIVERSITY COURT OF THE UNIVERSITY OF DUNDEE [GB/GB]; Nethergate, Perth Road, Dundee DD1 4HN (GB).
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(72, 75) SMITH, Gillian [GB/GB]; 34 Caledonian Court, Eastwell Road, Dundee DD2 3FF (GB). IBBOTSON, Sally, Helen [GB/GB]; 30 Inveraray terrace, Dundee DD3 6BS (GB). WOLF, Charles, Roland [GB/GB]; The Farmhouse, Easter Ballinmean, Inchture PH14 9QS (GB).

(74) MACDOUGALL, Donald, Carmichael et al. / etc.; Marks & Clerk, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56, H04Q 7/38, H04L 29/06

(11) WO 2004/091151 (13) A1

(21) PCT/IB2003/005231

(22) 18 Nov/nov 2003 (18.11.2003)

(25) en (26) en

(30) 0301053-5 7 Apr/avr 2003 SE (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND SYSTEM FOR RATE CONTROL SERVICE IN A NETWORK

• PROCEDE ET SYSTEME DE COMMANDE DU DEBIT DANS UN RESEAU

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-164 83 Stockholm (SE).

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(72, 75) PETERSSON, Justus [SE/SE]; Sankt Paulsgatan 28B, S-118 48 Stockholm (SE). WESTERLUND, Magnus [SE/SE]; Trondheimsgatan 7, 2 tr., S-164 32 Kista (SE). TERZANI, Alessio [IT/IT]; Via Francesco Girmaldi 141, I-00175 Roma (IT). CHERMIKINA, Svetlana [IT/IT]; Via Caio Sulpicio BA/13, I-00175 Roma (IT). SKOG, Robert [SE/SE]; Gullvivegränd 7, S-165 76 Håsselby (SE).

(74) HAN, John, C.; Ericsson Inc., 6300 Legacy, MS EVW 2-C-2, Plano, TX 75024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

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(21) PCT/IB2004/001016

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 03100915.2 7 Apr/avr 2003 EP (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD OF ENSURING THE QUALITY OF SERVICE IN A NETWORK

• METHODE POUR ASSURER LA QUALITE DE SERVICE DANS UN RESEAU

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).
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(72, 75) BAUMEISTER, Markus [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE). MUESCH, Guido [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

(11) WO 2004/091153 (13) A1

(21) PCT/JP2004/004889

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(25) ja (26) ja

(30) 2003-100018 3 Apr/avr 2003 JP (03.04.2003)

(30) 2004-103810 31 Mar/mar 2004 JP (31.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ROUTER DEVICE AND COMMUNICATION METHOD
• DISPOSITIF D'ACHEMINEMENT ET PROCEDE DE COMMUNICATION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
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(72, 75) FUNABIKI, Makoto; MATSUMOTO, Taisuke; IKEDA, Shinkichi; KOBAYASHI, Hirokazu; KUMAZAWA, Masayuki; KAWAHARA, Toyoki

(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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

(11) WO 2004/091154 (13) A1

(21) PCT/SE2004/000384

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 60/461,840 11 Apr/avr 2003 US (11.04.2003)

(30) 10/729,835 8 Dec/déc 2003 US (08.12.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONTENTION-BASED FORWARDING WITH INTEGRATED MULTI-USER DETECTION CAPABILITY

• TRANSMISSION AVEC CONTENTION A CAPACITE DE DETECTION MULTI-UTILISATEURS INTEGREE

(71) TELEFONAKTIEBOLAGET LM ERICSSON [—/SE]; S-164 83 Stockholm (SE).

(72) LARSSON, Peter; Ballonggatan 2 Itr., S-169 71 Solna (SE). JOHANSSON, Niklas; Töjnavägen 27A, S-191 34 Sollentuna (SE).

(74) AROS PATENT AB A; P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

(11) WO 2004/091155 (13) A1

(21) PCT/SE2004/000385

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 60/461,839 11 Apr/avr 2003 US (11.04.2003)

(30) 10/729,846 8 Dec/déc 2003 US (08.12.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MULTI-USER DIVERSITY FORWARDING
• RETRANSMISSION EN DIVERSITE MULTI-UTILISATEURS

(71) TELEFONAKTIEBOLAGET LM ERICSSON [SE/SE]; S-164 83 Stockholm (SE).

(72) LARSSON, Peter; Ballonggatan 2 Itr., S-169 71 Solna (SE). JOHANSSON, Niklas; Töjnavägen 27A, S-191 34 Sollentuna (SE).

(74) AROS PATENT AB; P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

(11) WO 2004/091156 (13) A2

(21) PCT/US2004/009992

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,397 1 Apr/avr 2003 US (01.04.2003)

(30) 10/814,098 31 Mar/mar 2004 US (31.03.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SCALABLE QUALITY BROADCAST SERVICE IN A MOBILE WIRELESS COMMUNICATION NETWORK

• SERVICE DE RADIODIFFUSION DE QUALITE A ECHELLE VARIABLE DANS UN RESEAU DE COMMUNICATION SANS FIL MOBILE

(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) [SE/SE]; Telefonplan, S-126 25 Stockholm (SE).

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(74) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL); c/o David E. Bennett, 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US; (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN

YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04L 12/56

(11) WO 2004/091157 (13) A2

(21) PCT/US2004/009998

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/406,450 2 Apr/avr 2003 US
(02.04.2003)

(30) 60/460,457 3 Apr/avr 2003 US
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SOLID STATE THERMAL ENGINE
• MOTEUR THERMIQUE ETAT SOLIDE

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(72) TANIELIAN, Minas, H.; 4603 - 146th Place S.E., Bellevue, WA 98006-3148 (US).

(74) GALBRAITH, Ann, K.; The Boeing Company, P.O. Box 3707, M/S 11-XT, Seattle, WA 98124-2207 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/58, H04Q 7/22

(11) WO 2004/091158 (13) A1

(21) PCT/IB2004/050382

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 03100964.0 10 Apr/avr 2003 EP
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MULTIMEDIA MESSAGING METHOD AND SYSTEM
• PROCEDE ET SYSTEME DE MESSAGERIE MULTIMEDIA

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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(72, 75) MIEDEMA, Folkert, G. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). ZUIDEMA, Edwin [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04L 25/03, 27/00, 27/26

(11) WO 2004/091159 (13) A1

(21) PCT/EP2004/050486

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 03100942.6 8 Apr/avr 2003 EP
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND APPARATUS FOR CHANNEL EQUALIZATION IN MULTI-CARRIER COMMUNICATION DEVICES USING DISCRETE COSINE MODULATED FILTER BANK OR WAVELET PACKET MODULATION

• PROCEDE ET APPAREIL POUR EGALISER DES VOIES DANS DES DISPOSITIFS DE COMMUNICATIONS MULTIPORTEUSES AU MOYEN DE BANCS DE FILTRES DISCRETS COSINUSOIDAUX, MODULES OU AU MOYEN D'UNE MODULATION PAR PAQUETS DE PETITES ONDES

(71) ACN ADVANCED COMMUNICATIONS NETWORKS SA [CH/CH]; Rue du Puits-Godet 8a, CH-2000 Neuchâtel (CH).
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(72, 75) HORVATH, Stephan [CH/CH]; Eichenweg 11, CH-2560 Nidau (CH). JAMIN, Antony [FR/CH]; Rue de la Dime 47, CH-2000 Neuchâtel (CH).

(74) SAAM, Christophe; P & TS SA, Terreaux 7, Case Postale 2848, CH-2001 Neuchâtel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(30) 0308168.4 9 Apr/avr 2003 GB
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • RECEIVER HAVING DC OFFSET VOLTAGE CORRECTION
• RECEPTEUR A CORRECTION DE TENSION DE DECALAGE CONTINUE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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(74) WILLIAMSON, Paul, L.; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04L 27/00, H04B 1/69

(11) WO 2004/091161 (13) A1

(21) PCT/IB2004/050421

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 03076127.4 14 Apr/avr 2003 EP
(14.04.2003)(30) 03102357.5 30 Jul/juil 2003 EP
(30.07.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • PULSE DETECTION IN WIRELESS COMMUNICATIONS SYSTEM

- DETECTION D'IMPULSIONS DANS DES SYSTEMES DE COMMUNICATIONS SANS FIL

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) ROOVERS, Raf, L., J. [BE/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KUNDUR SUBRAMANIAN, Harish [IN/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN DER WEIDE, Gerard [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ELEVELD, Koop, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 27/26

(11) WO 2004/091162 (13) A1

(21) PCT/EP2003/014340

(22) 16 Dec/déc 2003 (16.12.2003)

(25) de (26) de

(30) 103 17 119.3 14 Apr/avr 2003 DE
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND DEVICE FOR REDUCING THE RATIOS BETWEEN PEAK POWER AND AVERAGE POWER IN A MULTICARRIER SYSTEM

- PROCEDE ET DISPOSITIF POUR REDUIRE LE RAPPORT PUISSANCE DE CRETE/PUISSANCE MOYENNE DANS UN SYSTEME A PORTEUSES MULTIPLES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) WISNIOWSKI, Damain [DE/DE]; Karolingerstr. 65d, 46395 Bocholt (DE). KOCKMANN, Jürgen [DE/DE]; Wageneggerstr. 5, 81669 München (DE). KOORA, Kalyan [IN/DE]; Weissdornweg 12, 46395 Bocholt (DE). OFENBACH, Elmar [DE/DE]; Meerstr. 10a, 46459 Rees (DE). SCHÜLING, Jürgen [DE/DE]; Am Sandbach 18, 46397 Bocholt (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 27/26 // 7/00, H04J 11/00

(11) WO 2004/091163 (13) A1

(21) PCT/FI2004/000217

(22) 7 Apr/avr 2004 (07.04.2004)

(25) fi (26) en

(30) 20030544 10 Apr/avr 2003 FI
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYNCHRONIZATION METHOD AND DATA TRANSFER SYSTEM

- PROCEDE DE SYNCHRONISATION ET SYSTEME DE TRANSFERT DE DONNEES

(71) ELEKTROBIT OY [FI/FI]; Tutkijantie 8, FI-90570 Oulu (FI).

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(72, 75) HULKONEN, Ari [FI/FI]; Kandintie 1 H 54, FI-90570 Oulu (FI). POUTANEN, Torsti [FI/FI]; Lasimestarinkatu 19, FI-24130 Salo (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O.Box 148, FI-00121 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H04L 29/06, 12/58

(11) WO 2004/091164 (13) A1

(21) PCT/FR2004/000690

(22) 22 Mar/mar 2004 (22.03.2004)

(25) fr (26) fr

(30) 03/03946 31 Mar/mar 2003 FR
(31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • INDICATOR FOR THE CONNECTED/DISCONNECTED STATUS OF A TERMINAL ON A PACKET NETWORK

- INDICATEUR D'ETAT CONNETE/DECONNECTE D'UN TERMINAL A UN RESEAU DE PAQUETS

(71) ORANGE FRANCE [FR/FR]; 41-45, boulevard Romain Rolland, F-92120 Montrouge (FR).

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(72, 75) ANNIC, Etienne [FR/FR]; 59, avenue du Général Leclerc, F-78120 Rambouillet (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(t) for the following designation / pour la désignation suivante : US
(u) for / pour US only / seulement

(51)⁷ H04L 29/06

(11) WO 2004/091165 (13) A1

(21) PCT/IB2004/001179

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/462,102 11 Apr/avr 2003 US
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A USER IDENTIFICATION MODULE FOR ACCESS TO MULTIPLE COMMUNICATION NETWORKS

- MODULE D'IDENTIFICATION D'ABONNE PERMETTANT L'ACCES A DE MULTIPLES RESEAUX DE TRANSMISSION

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
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(72, 75) BOUTHEMY, Jean-Luc [FR/US]; 1740 221st Place NE, Sammamish, WA 98074 (US). SIPILÄ, Tuomo [FI/US]; 1137 Lafayette Dr., Sunnyvale, CA 94087 (US).

(74) STYLE, Kelda, Camilla, Karen et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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, 9/32

(11) WO 2004/091166 (13) A1

(21) PCT/JP2004/002928

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 2003-100866 3 Apr/avr 2003 JP
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • APPARATUSES, METHODS AND COMPUTER SOFTWARE PRODUCTS FOR JUDGING THE VALIDITY OF A SERVER CERTIFICATE

- APPAREILS, PROCÉDES ET PRODUITS PROGRAMME INFORMATIQUE DESTINÉS A EVALUER LA VALIDITÉ D'UN CERTIFICAT DE SERVEUR

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi Osaka, 5718501 (JP).
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(72, 75) HAMAI, Shinji

(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, 5320011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06

(11) WO 2004/091167 (13) A1

(21) PCT/JP2004/003586

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 2003-098596 1 Apr/avr 2003 JP
(01.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • COMMUNICATION APPARATUS AND AUTHENTICATION APPARATUS

- DISPOSITIF DE COMMUNICATION ET DISPOSITIF D'AUTHENTIFICATION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOSHIDA, Junji/HAMAI, Shinji

(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 5320011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06

(11) WO 2004/091168 (13) A1

(21) PCT/KR2003/001473

(22) 23 Jul/juill 2003 (23.07.2003)

(25) ko (26) en

(30) 10-2003-22120 8 Apr/avr 2003 KR
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A MOBILE TERMINAL HAVING A FUNCTION OF OUTPUTTING EFFECT SOUND/BACKGROUND SOUND BY USING A KEY BUTTON ON COMMUNICATION

- TERMINAL MOBILE COMPRENANT UNE FONCTION DE SORTIE DE SON EFFECTIF/DE FOND AU MOYEN D'UNE CAPSULE EN COMMUNICATION

(71) H.INFORMATION CO., LTD. [KR/KR]; 6, 7F Kyungmin B/D, 18-3, Jamwon-Dong, Seocho-Gu, 137-903 SEOUL (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YANG, Soohyun [KR/KR]; #124-28 Mia-Dong Kangbuk-Gu, 142-100 SEOUL (KR).

(74) KIM, Inhan; 5th floor, Daerim Bldg., 1695-4 Seocho-dong, Seocho-ku, Seoul 137-883 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW 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 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 SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06, H04Q 11/00

(11) WO 2004/091169 (13) A1

(21) PCT/SE2004/000550

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 0301096-4 14 Apr/avr 2003 SE
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A TRANSPONDER READER CAPABLE OF READING TRANSPONDERS HAVING DIFFERENT SIGNALLING PROTOCOLS

- LECTEUR DE TRANSPONDEURS CAPABLE DE LIRE DES TRANSPONDEURS COMPORTANT DES PROTOCOLES DE SIGNALISATION DIFFÉRENTS

(71) DELAVAL HOLDING AB [SE/SE]; Box 39, S-147 21 Tumba (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SOLBERG, Inga-Lill [SE/SE]; Hagvägen 57A, S-141 70 Huddinge (SE). CARLSSON, Björn [SE/SE]; Amanuensvägen 8, S-104 05 Stockholm (SE).

(74) HASSELGREN, Joakim et al. / etc.; Kransell & Wennborg AB, Box 27834, S-115 93 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2004/091170 (13) A2
- (21) PCT/US2004/010251
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 60/459,508 31 Mar/mar 2003 US (31.03.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND SYSTEM FOR SECURE AUTHENTICATION
- PROCEDE ET SYSTEME D'AUTHENTIFICATION SECURISEE
- (71) VISA U.S.A. INC. [US/US]; 123 Mission Street, San Francisco, CA 94105 (US). VISA INTERNATIONAL SERVICE ASSOCIATION [US/US]; 900 Metro Center Blvd., San Mateo, CA 94404 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SEATON, Robert, W., Jr. [US/US]; 7909 Goldenrod Cove, Austin, TX 78750 (US). SPIELMAN, Terence [US/US]; 8221 Luling Lane, Austin, TX 78729-4935 (US). CORNWELL, Penny [US/US]; 2329 Cypress Point East, Austin, TX 78750 (US). BLACKWOOD, Neal [US/US]; 7929 Snook Hook Trail, Austin, TX 78729 (US). CLAY, Michael, T. [US/US]; 11906 Broadleaf Cove, Austin, TX 78750 (US).
- (74) NG, Horace et al. / etc.; Tonwsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 29/08
- (11) WO 2004/091172 (13) A1
- (21) PCT/GB2004/001384
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 0308121.3 9 Apr/avr 2003 GB (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND APPARATUS FOR DATA LOGGING
- PROCEDE ET APPAREIL D'ENREGISTREMENT DE DONNEES
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FRICKE, Volker [DE/DE]; Scheunenweg 3, 71155 Altdorf (DE). NOBLE, Gary, Paul [GB/GB]; 5 Laverton Meadow Cottages, North Broadway, Worcestershire WR12 7NA (GB). TRICE, Wendy, Ann [GB/GB]; 6 Woodville Close, Basingstoke, Hampshire RG24 8GS (GB).
- (74) WALDNER, Philip; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 29/06
- (11) WO 2004/091171 (13) A1
- (21) PCT/US2004/010389
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 10/407,823 4 Apr/avr 2003 US (04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ATTACK DATABASE STRUCTURE
- STRUCTURE DE BASE DE DONNEES D'ATTAQUES
- (71) NETSCREEN TECHNOLOGIES, INC. [US/US]; 805 11th Ave. Building 3, Sunnyvale, CA 94089 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZUK, Nir [US/US]; 564 S. Oak Park Way, Redwood City, CA 94062 (US).
- (74) KIRKLAND, Mark, D.; Fish & Richardson P.C., 500 Arguello Street, Suite 500, Redwood City, CA 94063-1526 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 29/12
- (11) WO 2004/091173 (13) A1
- (21) PCT/EP2004/002365
- (22) 8 Mar/mar 2004 (08.03.2004)
- (25) de (26) de
- (30) 103 16 236.4 9 Apr/avr 2003 DE (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • METHOD AND ARRANGEMENT FOR CONFIGURING A DEVICE IN A DATA NETWORK
- PROCEDE ET ENSEMBLE POUR LA CONFIGURATION D'UN DISPOSITIF DANS UN RESEAU DE TRANSMISSION DE DONNEES
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
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- (72, 75) SCHEERING, Christian [DE/DE]; Erftweg 38, 33689 Bielefeld (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 29/12
- (11) WO 2004/091174 (13) A1
- (21) PCT/GB2004/001702
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) en (26) en
- (30) 0308432.4 11 Apr/avr 2003 GB (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • REAL-TIME COMMUNICATIONS BETWEEN TELEPHONE AND INTERNET USERS
- COMMUNICATIONS EN TEMPS REEL ENTRE DES UTILISATEURS DU TELEPHONE ET D'INTERNET
- (71) HUTCHISON WHAMPOA THREE G IP (BAHAMAS) LIMITED [BS/BS]; Offshore Group Chambers, P.O.Box CB-12751, Nassau, New Providence (BS).
(for all designated States except / pour tous les États désignés sauf US)
- (71) BUTCHER, Ian, James [GB/GB]; c/o A A Thornton & Co, 235 High Holborn, London WC1V 7LE (GB).
(only for / seulement pour MG)

(72, 75) **BOLE-FEYSOT, Yann** [FR/FR]; 12, avenue du Professeur Roux, F-78750 Mareil Marly (FR).

(74) **BUTCHER, Ian, J.**; AA Thornton & Co, 235 High Holborn, London WC1V 7LE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M

(11) WO 2004/091175 (13) A2

(21) PCT/HR2004/000009

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) P20030264A 7 Apr/avr 2003 HR (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MOBILE PHONE WITH SIMPLIFIED DIALING OF LIMITED AMOUNT OF DIALED NUMBERS

• TELEPHONE MOBILE A COMPOSITION SIMPLIFIEE D'UN NOMBRE LIMITE DE NUMEROS COMPOSES

(71, 72) **ERCEG, Marin** [HR/HR]; Brunc Busica 28/2, 10000 Zagreb (HR).

(74) **BOSKOVIC, Davor**; Producta d.o.o., Zinke Kunc 3a, 10000 Zagreb (HR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04M

(11) WO 2004/091176 (13) A2

(21) PCT/US2004/010304

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,257 2 Apr/avr 2003 US (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CIPHERING BETWEEN A CDMA NETWORK AND A GSM NETWORK

• CHIFFREMENT ENTRE UN RESEAU CDMA ET UN RESEAU GSM

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

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(72, 75) **JAIN, Nikhil** [IN/US]; 4291 Ferman Lane, San Diego, CA 92130 (US).

COLLINS, Bruce [US/US]; 11730 Angelique Street, San Diego, CA 92131 (US).

NAGARAJ, Thadi M. [IN/US]; 11820-2 Cypress Canyon Road, San Diego, CA 92131 (US).

(74) **WADSWORTH, Philip R. et al.** / etc.; 5775 Morehouse Drive, San Diego, California 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ H04M

(11) WO 2004/091177 (13) A2

(21) PCT/US2004/010306

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/406,708 2 Apr/avr 2003 US (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND APPARATUS FOR SUPPORTING ACCESS NETWORK (AN) AUTHENTICATION

• PROCEDE ET APPAREIL DE PRISE EN CHARGE D'AUTHENTIFICATION DE RESEAU D'ACCES (AN)

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

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(72, 75) **MANDAYAM, Jayanth** [IN/US]; 3425 Lebon Drive, #528, San Diego, CA 92122

(US). **DYCK, Jeffrey, Alan** [CA/US]; 4816 Mt Harris Drive, San Diego, CA 92117 (US). **LIOY, Marcello** [CA/US]; 11929 Miro Circle, San Diego, CA 92131 (US).

(74) **WADSWORTH, Philip, R. et al.** / etc.; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ H04M 1/00, 11/00

(11) WO 2004/091178 (13) A1

(21) PCT/AU2004/000478

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 2003901703 10 Apr/avr 2003 AU (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • VOICE MULTI-TAP APPARATUS

• APPAREIL A MULTI-PIQUAGE VOCAL

(71) **COOPER COMMUNICATIONS PTY LTD** [AU/AU]; 14 Barkala Crt, Ocean Shores, New South Wales 2483 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COOPER, Steven** [AU/AU]; 14 Barkala Crt, Ocean Shores, New South Wales 2483 (AU).

(74) **PIZZEYS PATENT AND TRADE MARK ATTORNEYS**; Level 14, ANZ Centre, 324 Queen Street, Brisbane, Queensland 4000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

- SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ H04M 1/00
(11) WO 2004/091179 (13) A1
(21) PCT/US2004/010487
(22) 2 Apr/avr 2004 (02.04.2004)
(25) en (26) en
(30) 60/459651 3 Apr/avr 2003 US
(03.04.2003)
(30) 60/514596 20 Oct/oct 2003 US
(20.10.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • DUAL BAND SUPERHETERODYNE
RADAR RECEIVER
• RECEPTEUR RADAR SUPERHETERO-
DYNE A DEUX BANDES
(71) THE GOVERNMENT OF THE UNITED
STATES OF AMERICA, as represented
by THE SECRETARY OF THE NAVY
[US/US]; Naval Research Laboratory, 4555
Overlook Avenue, SW, Code 1008.2, Wash-
ington, DC 20375 (US).
(for all designated States except / pour tous
les États désignés sauf US)
(72) GOODMAN, Daniel, J.; 8120 Tuckers
Trail, Owings, MD 20736 (US).
(74) KARASEK, John, J.; Naval Research Labo-
ratory 4555 Overlook Avenue, SW, Washing-
ton, DC 20375-5325 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ H04M 1/03, H04R 1/00
(11) WO 2004/091180 (13) A1
(21) PCT/JP2004/004906
(22) 5 Apr/avr 2004 (05.04.2004)
(25) ja (26) ja
(30) 2003-100552 3 Apr/avr 2003 JP
(03.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • TELEPHONE TRANSMITTER/RE-
CEIVER
• EMETTEUR/RECEPTEUR TELEPHO-
NIQUE
(71) TEMCO JAPAN CO. LTD. [JP/JP]; 21-4,
Hounan 2-chome, Sugunami-ku, Tokyo,
- 1680062 (JP). KOBAYASHI, Kazuji
[JP/JP]; c/o TEMCO JAPAN CO., LTD.,
21-4, Hounan 2-chome, Sugunami-ku, Tokyo,
1680062 (JP).
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les États désignés sauf US)
(72, 75) FUKUDA, Mikio [JP/JP]; c/o TEMCO
JAPAN CO., LTD., 21-4, Hounan 2-chome,
Sugunami-ku, Tokyo, 1680062 (JP).
TAKEDA, Takeshi [JP/JP]; c/o TEMCO
JAPAN CO., LTD., 21-4, Hounan 2-chome,
Sugunami-ku, Tokyo, 1040031 (JP).
(74) SAITOH, Haruo; 11-6, Kyobashi 2-chome,
Chuo-ku, Tokyo 1040031 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ H04M 1/253
(11) WO 2004/091181 (13) A2
(21) PCT/JP2004/004642
(22) 31 Mar/mar 2004 (31.03.2004)
(25) en (26) en
(30) 2003-099942 3 Apr/avr 2003 JP
(03.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • VOICE COMMUNICATION APPARA-
TUS
• APPAREIL DE COMMUNICATION VO-
CALE
(71) OKI ELECTRIC INDUSTRY CO. LTD.
[JP/JP]; 7-12, Toranomon 1-chome, Mi-
nato-ku, Tokyo, 1058460 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) AKIE, Kazuyoshi [JP/JP]; c/o Oki Elec-
tric Industry Co., Ltd. 7-12, Toranomon
1-chome, Minato-ku, Tokyo, 1058460 (JP).
TAKADA, Masashi [JP/JP]; c/o Oki Electric
Industry Co., Ltd. 7-12, Toranomon 1-chome,
Minato-ku, Tokyo, 1058460 (JP). AOYAGI,
Hiromi [JP/JP]; c/o Oki Electric Industry
Co., Ltd. 7-12, Toranomon 1-chome, Mi-
nato-ku, Tokyo, 1058460 (JP).
(74) KATORI, Takao; 4th Floor, TG115 Bldg.,
15-7, Toranomon 1-chome, Minato-ku,
Tokyo, 1050001 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
- DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ H04M 1/725, G06F 3/023
(11) WO 2004/091182 (13) A1
(21) PCT/EP2004/000904
(22) 30 Jan/jan 2004 (30.01.2004)
(25) de (26) de
(30) 103 16 808.7 11 Apr/avr 2003 DE
(11.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • TEXT INPUT FOR A MOBILE TERMIN-
AL
• SAISIE DE TEXTE POUR TERMINAL
MOBILE
(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) KUGLER, Martin [DE/DE]; Kirch-
heimer Allee 7, 85586 Poing (DE).
(74) SIEMENS AKTIENGESELLSCHAFT;
Postfach 22 16 34, 80506 München (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ H04M 3/00
(11) WO 2004/091183 (13) A1
(21) PCT/JP2003/004359
(22) 4 Apr/avr 2003 (04.04.2003)
(25) ja (26) ja
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • SPEECH TRANSMITTER
• AMPLIFICATEUR VOCAL
(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) HORIE, Nobuyoshi [JP/JP]; c/o Mit-
subishi 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 IL JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04M 3/38, 3/523, H04Q 3/64

(11) WO 2004/091184 (13) A1

(21) PCT/FI2004/000193

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 20030533 9 Apr/avr 2003 FI
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MECHANISM FOR QUEUING CALLS
• SYSTEME DE MISE EN FILE
D'ATTENTE D'APPELS

(71) MEDIANATUM OY [FI/FI]; Askartie 2 C 20, FI-00700 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAUKILAHTI, Ilkka, Kalervo [FI/FI]; Askartie 2 C 20, FI-00700 Helsinki (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FI-00121 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 12/47

(11) WO 2004/091185 (13) A2

(21) PCT/FR2004/050135

(22) 30 Mar/mar 2004 (30.03.2004)

(25) fr (26) fr

(30) 0303950 31 Mar/mar 2003 FR
(31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SOUND AMPLIFICATION DEVICE FOR THE HARD OF HEARING
• DISPOSITIF D'AMPLIFICATION DE SONS POUR MALENTENDANTS

(71, 72) DOUCET, Guilhem [FR/FR]; 5, rue Jean Giono, F-34430 Saint Jean de Vedas (FR).

(74) RHEIN, Alain; CABINET BREV & SUD, 2460, avenue Albert Einstein, F-34000 Montpellier (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N

(11) WO 2004/091186 (13) A2

(21) PCT/US2004/010054

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/406,042 2 Apr/avr 2003 US
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM AND METHOD FOR FACILITATING FAST-FORWARDING OF FIRST-RUN PROGRAMS
• SYSTEME ET PROCEDE POUR FACILITER L'AVANCE RAPIDE D'EMISSIONS DE PREMIERE DIFFUSION

(71) MIDSTREAM TECHNOLOGIES, INC. [US/US]; 777 108th Avenue N.E., Suite 1700, Bellevue, WA 98004-5140 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OESTERREICHER, Richard, T. [US/US]; 3871 Midshore Drive, Naples, FL 34109 (US). MURPHY, Craig [US/US]; 7614 130th Avenue, N.E., Kirkland, WA 98033 (US).

(74) THRONSON, Mark, J.; Dickstein Shapiro Morin & Oshinsky LLP, 2101 L Street, N.W., Washington, DC 20037-1526 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N

(11) WO 2004/091187 (13) A2

(21) PCT/US2004/010311

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/459,933 3 Apr/avr 2003 US
(03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONTENT NOTIFICATION AND DELIVERY
• NOTIFICATION ET DIFFUSION DE CONTENU

(71) PREDICTIVE MEDIA CORPORATION [US/US]; 689 Massachusetts Avenue, Cambridge, MA 02139 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) ODDO, Anthony, Scott [US/US]; 20 Austin Street, Hyde Park, MA 02136 (US). RENGIER, Thomas, L. [US/US]; 630 Wakefield Court, Long Beach, CA 90803 (US). HOSEA, Devin, F. [US/US]; 300 Western Way, Princeton, NJ 08540 (US). THURSTON, Nathaniel, J. [US/US]; 1 North End Avenue, Suite 1115, New York, NY 10281 (US). PERDON, Albert, H. [US/US]; 9 Marlborough Street, Apt. 51, Boston, MA 02116 (US).

(74) SPEIDEL, Paul; Gesmer Updegrave LLP, 40 Broad Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 1/00

(11) WO 2004/091188 (13) A1

(21) PCT/JP2004/004870

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 2003-102156 4 Apr/avr 2003 JP
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • IMAGE READING APPARATUS, PERSONALIZING METHOD, PROGRAM, AND STORAGE MEDIUM
• APPAREIL DE LECTURE D'IMAGES, PROCEDE DE PERSONNALISATION, PROGRAMME ET SUPPORT D'ENREGISTREMENT

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-0092 (JP).
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(72, 75) KADOWAKI, Toshihiro [JP/JP]; Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-0092 (JP).

(74) WATANABE, Toshihiko; No.5 Mori Bldg. 8th Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

- (51)⁷ H04N 1/00
(11) WO 2004/091189 (13) A1
(21) PCT/JP2004/004883
(22) 2 Apr/avr 2004 (02.04.2004)
(25) ja (26) ja
(30) 2003-100569 3 Apr/avr 2003 JP
(03.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • ELECTRONIC DEVICE DISPLAY DE-
VICE
• AFFICHEUR DE DISPOSITIF ELEC-
TRONIQUE
(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) MOMOSE, Norihide [JP/JP]; 2-2-5,
Umomidai 4-chome, Kizu-cho, Soraku-gun,
Kyoto 619-0215 (JP). KUNIKAWA, Nori-
hide [JP/JP]; 5-10, Kasuga-cho 3-chome,
Yao-shi, Osaka 581-0061 (JP). UEDA,
Suehiro [JP/JP]; 378-16, Hatanosho,
Tawaramoto-cho, Shiki-gun, Nara 636-0343
(JP). GOMI, Masayuki [JP/JP]; #106
Senchuri Fujimoto, 73-1, Kuzumoto-cho,
Kashihara-shi, Nara 634-0007 (JP). UMEK-
AGE, Atsushi [JP/JP]; 5-32, Heso 9-chome,
Ritto-shi, Shiga 520-3031 (JP).
(74) KURAUCHI, Giro; Sumitoseimeiji Mid-
dosuji Bldg., 14-3, Nishitemma 4-chome,
Kita-ku, Osaka-shi, Osaka 530-0047 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
(51)⁷ H04N 1/00
(11) WO 2004/091190 (13) A2
(21) PCT/US2004/009926
(22) 31 Mar/mar 2004 (31.03.2004)
(25) en (26) en
(30) 60/459,935 2 Apr/avr 2003 US
(02.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • ENSURING ACCURATE MEASURE-
MENTS FOR SOFT PROOFING SYS-
TEM
• GARANTIR DES MESURES EXACTES
POUR UN SYSTEME D'EPREUVAGE A
L'ECRAN
(71) KODAK POLYCHROME GRAPHICS,
LLC [US/US]; 401 Merritt 7, Norwalk, CT
06851 (US).

*(for all designated States except / pour tous
les États désignés sauf US)*

- (72) EDGE, Christopher, J.; 1890 Jefferson Av-
enue, Saint Paul, MN 55105 (US). FROST,
Jonathan, A.; 1898 Dayton Avenue, St. Paul,
MN 55104 (US).
(74) SHUMAKER, Steve, J.; Shumaker & Sief-
fert, P.A., Suite 105, 8425 Seasons Parkway,
St. Paul, MN 55125 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
(51)⁷ H04N 3/08
(11) WO 2004/091191 (13) A1
(21) PCT/JP2004/005026
(22) 7 Apr/avr 2004 (07.04.2004)
(25) ja (26) ja
(30) 2003-102870 7 Apr/avr 2003 JP
(07.04.2003)
(30) 2003-137527 15 May/mai 2003 JP
(15.05.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • PROJECTOR
• PROJECTEUR
(71) SEIKO EPSON CORPORATION [JP/JP];
4-1, Nishishinjuku 2-chome, Shinjuku-ku,
Tokyo, 1630811 (JP).
(72) SEKI, Hideya; c/o Seiko Epson Corpora-
tion, 3-5, Owa 3-chome, Suwa-shi, Nagano,
3928502 (JP). YONEKUBO, Masatoshi;
c/o Seiko Epson Corporation, 3-5, Owa
3-chome, Suwa-shi, Nagano, 3928502
(JP). UCHIKAWA, Daisuke; c/o Seiko
Epson Corporation, 3-5, Owa 3-chome,
Suwa-shi, Nagano, 3928502 (JP). KAMI-
JIMA, Shunji; c/o Seiko Epson Corporation,
3-5, Owa 3-chome, Suwa-shi, Nagano,
3928502 (JP). TAKEDA, Takashi; c/o Seiko
Epson Corporation, 3-5, Owa 3-chome,
Suwa-shi, Nagano, 3928502 (JP).
(74) SAKAI, Hiroaki; Sakai International Patent
Office Tokyo Club Building, 2-6, Ka-
sumigaseki 3-chome, Chiyoda-ku, Tokyo,
1000013 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

- (51)⁷ H04N 5/225, G03B 17/18, H04N 5/232 //
101:00
(11) WO 2004/091192 (13) A1
(21) PCT/JP2004/004798
(22) 1 Apr/avr 2004 (01.04.2004)
(25) en (26) en
(30) 2003-101648 4 Apr/avr 2003 JP
(04.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • CAMERA
• CAMERA
(71) OLYMPUS CORPORATION [JP/JP];
43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo
151-0072 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) NONAKA, Osamu [JP/JP]
(74) SUZUYE, Takehiko et al. / etc.; c/o Suzuye
& Suzuye, 7-2, Kasumigaseki 3-chome, Chi-
yoda-ku, Tokyo 100-0013 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
(51)⁷ H04N 5/225
(11) WO 2004/091193 (13) A1
(21) PCT/KR2004/000431
(22) 27 Feb/fév 2004 (27.02.2004)
(25) ko (26) en
(30) 10-2003-0021699 7 Apr/avr 2003 KR
(07.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
(54) • METHOD FOR CAPTURING OF REAL-
TIME IMAGE
• PROCEDE DE SAISIE D'IMAGE EN
TEMPS REEL
(71) ICONLAB, INC. [KR/KR]; Eunsung Bldg.,
4Fl., 677-2, Yeoksam-dong, Gangnam-gu,
135-080 Seoul (KR).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) RYU, Jung-Hee [KR/KR]; Jugong Apt.
244-301, Dunchon 1-Dong, Gandong-gu,
134-061 Seoul (KR). KWON, Dong-Jin
[KR/KR]; Dongbu Apt. 122-202, Janmi
maul, Yatopdong, Bundang-gu, Kyonggi-do,
463-788 Seongnam (KR).
(74) PARK, Kyungwan et al. / etc.; GIP Patent
Law Counselors, 2Fl. Sewon Bldg. #823-48
Yeoksam-dong, Gangnam-gu, 135-933 Seoul
(KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ H04N 5/235

(11) WO 2004/091194 (13) A1

(21) PCT/JP2003/004528

(22) 9 Apr/avr 2003 (09.04.2003)

(25) ja (26) ja

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • IMAGING SYSTEM
• SYSTEME D'IMAGERIE

(71) MITSUBISHI DENKI KABUSHIKI
KAISHA [JP/JP]; 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).

(72) NAGAOKA, Hidetada; c/o MITSUBISHI
DENKI KABUSHIKI KAISHA, 2-3,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310 (JP). MATOBA, Narihiro;
c/o MITSUBISHI DENKI KABUSHIKI
KAISHA, 2-3, Marunouchi 2-chome, Chiy-
oda-ku, Tokyo 100-8310 (JP).

(74) TAZAWA, Hiroaki et al. / etc.; 7F, Daito
Bldg., 7-1, Kasumigaseki 3-Chome, Chiy-
oda-ku, Tokyo 100-0013 (JP).

(81) CN JP.

(84) 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).

(51)⁷ H04N 5/272

(11) WO 2004/091195 (13) A1

(21) PCT/GB2004/001530

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 0308459.7 11 Apr/avr 2003 GB
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD OF AND APPARATUS FOR
PROVIDING A VISUAL PRESENTA-
TION

• PROCEDE ET APPAREIL POUR DE-
LIVRER UNE PRESENTATION VI-
SUELLE

(71) ID (EVENT MARKETING) MONACO
SAM [MC/MC]; Palais de la Scala, 1, av.
Henri-Dunant, MC-98000 Monte-Carlo
(MC).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BOGLE, Graham [GB/MC]; Les Acan-
thes, 6, avenue des Citronniers, MC-98000
Monte-Carlo (MC).

(74) JAMES, Edward, Robey et al. / etc.; Wilson
Gunn Gee, Chancery House, Chancery Lane,
London WC2A 1QU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04N 5/335

(11) WO 2004/091196 (13) A1

(21) PCT/JP2004/004893

(22) 5 Apr/avr 2004 (05.04.2004)

(25) ja (26) ja

(30) 2003-104547 8 Apr/avr 2003 JP
(08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SOLID-STATE IMAGE PICKUP DE-
VICE AND IMAGE PICKUP METHOD

• DISPOSITIF DE CAPTURE D'IMAGES
A SEMICONDUCTEURS ET PROCEDE
DE CAPTURE

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006
Kadoma-shi, Oazakadoma, Osaka 571-8501
(JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MURAKAMI, Masashi MASUYAMA,
Masayuki MATSUNAGA, Yoshiyuki

(74) NAKAJIMA, Shiro; 6F, Yodogawa
5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku,
Osaka-shi, Osaka 531-0072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04N 5/445

(11) WO 2004/091197 (13) A1

(21) PCT/IB2004/001140

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/462,778 14 Apr/avr 2003 US
(14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • GENERATION OF IMPLICIT TV REC-
COMMENDER VIA SHOWS IMAGE
CONTENT

• CREATION D'UNE SYSTEME DE
RECOMMANDATION IMPLICITE
DE TELEVISION PAR CONTENU
D'EMISSION TELEVISUELLE

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GUTTA, Srinivas [US/US]; P.O. Box
3001, Briarcliff Manor, NY 10510-8001
(US).

(74) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V.; c/o Piotrowski, Daniel J., P.O.Box
3001, Briarcliff Manor, NY 10510-8001
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(t) for all designations / pour toutes les
désignations

(51)⁷ H04N 5/45

(11) WO 2004/091198 (13) A1

(21) PCT/JP2004/004780

(22) 1 Apr/avr 2004 (01.04.2004)

(25) ja (26) ja

(30) 2003-105022 9 Apr/avr 2003 JP
(09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • OSD-SYNTHESIZED IMAGE DECOD-
ING DEVICE, OSD-SYNTHESIZED
IMAGE DECODING METHOD, PRO-
GRAM, AND RECORDING MEDIUM

• PROCEDE, DISPOSITIF ET LOGICIEL
DE DECODAGE D'IMAGE EN SYN-
THESE D'AFFICHAGE D'ECRAN, ET
SUPPORT D'ENREGISTREMENT

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 5718501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOMENO, Junichi

(74) MATSUDA, Masamichi; Shin-Osaka Ikushima bldg., 1-3, Miyahara 5-chome, Yodogawa-ku, Osaka-shi, Osaka 5320003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/57, 5/60

(11) WO 2004/091199 (13) A1

(21) PCT/JP2004/004716

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-103532 8 Apr/avr 2003 JP (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • REPRODUCTION DEVICE AND REPRODUCTION METHOD
• DISPOSITIF ET PROCÉDE DE REPRODUCTION

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku Tokyo, 1410001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAKO, Yoichiro [JP/JP]; C/O SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku Tokyo, 1410001 (JP). INOUE, Makoto [JP/JP]; C/O SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku Tokyo, 1410001 (JP). SHIRAI, Katsuya [JP/JP]; C/O SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku Tokyo, 1410001 (JP). MIYAJIMA, Yasushi [JP/JP]; C/O SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku Tokyo, 1410001 (JP). MAKINO, Kenichi [JP/JP]; C/O SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku Tokyo, 1410001 (JP). TAKAI, Motoyuki [JP/JP]; C/O SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku Tokyo, 1410001 (JP). TERAUCHI, Toshiro [JP/JP]; C/O SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku Tokyo, 1410001 (JP). INOUE, Akiko [JP/JP]; C/O SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku Tokyo, 1410001 (JP).

(74) SUGIURA, Masatomo et al. / etc.; 7th Floor, Ikebukuro Park Bldg., 49-7, Minami Ikebukuro 2-chome, Toshima-ku, Tokyo, 1710022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/76, 5/44

(11) WO 2004/091200 (13) A1

(21) PCT/JP2004/004803

(22) 1 Apr/avr 2004 (01.04.2004)

(25) ja (26) ja

(30) 2003-103949 8 Apr/avr 2003 JP (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DATA PROCESSING APPARATUS
• APPAREIL DE TRAITEMENT DE DONNÉES

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma Kadoma-shi Osaka, 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAKATANI, Tomohiko

(74) OKUDA, Seiji; Okuda & Associates 2nd Floor, Kataoka Bldg., 3-6, Uchiawajimachi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5400038 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/76, G11B 27/34

(11) WO 2004/091201 (13) A1

(21) PCT/JP2004/004890

(22) 5 Apr/avr 2004 (05.04.2004)

(25) ja (26) ja

(30) 2003-100015 3 Apr/avr 2003 JP (03.04.2003)

(30) 2004-034691 12 Feb/fév 2004 JP (12.02.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MOVING PICTURE PROCESSING DEVICE, INFORMATION PROCESSING DEVICE, AND PROGRAM THEREOF
• DISPOSITIF DE TRAITEMENT DE FILMS, DISPOSITIF DE TRAITEMENT

D'INFORMATIONS, ET PROGRAMME CORRESPONDANT

(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) SUZUKI, AkihikoHIRAGA, Kazuaki

(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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/76

(11) WO 2004/091202 (13) A1

(21) PCT/JP2004/004897

(22) 5 Apr/avr 2004 (05.04.2004)

(25) ja (26) ja

(30) 2003-100015 3 Apr/avr 2003 JP (03.04.2003)

(30) 2004-034691 12 Feb/fév 2004 JP (12.02.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MOVING PICTURE PROCESSING DEVICE, INFORMATION PROCESSING DEVICE, AND PROGRAM THEREOF
• DISPOSITIF DE TRAITEMENT D'IMAGES ANIMÉES, DISPOSITIF DE TRAITEMENT D'INFORMATIONS ET PROGRAMME CORRESPONDANT

(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) SUZUKI, AkihikoHIRAGA, Kazuaki

(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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04N 5/91

(11) WO 2004/091203 (13) A1

(21) PCT/JP2004/004843

(22) 2 Apr/avr 2004 (02.04.2004)

(25) ja (26) ja

(30) 2003-101419 4 Apr/avr 2003 JP
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DATA PROCESSING METHOD, DE-
VICE THEREOF, VIDEO RECORDING
DEVICE

• PROCEDE ET DISPOSITIF DE TRAI-
TEMENT DES DONNEES, DISPOSITIF
D'ENREGISTREMENT VIDEO

(71) SONY CORPORATION [JP/JP]; 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo,
1410001 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SHIBATA, Yoshiaki [JP/JP]; c/o SONY
CORPORATION 7-35, Kitashinagawa
6-chome, Shinagawa-ku Tokyo, 1410001
(JP). SHINKAI, Mitsutoshi [JP/JP]; c/o
SONY CORPORATION 7-35, Kitashina-
gawa 6-chome, Shinagawa-ku Tokyo,
1410001 (JP).

(74) SATOH, Takahisa; Sohshin International
Patent Office, 4-2, Yanagibashi 2-chome,
Taito-ku, Tokyo 1110052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04N 5/91

(11) WO 2004/091204 (13) A1

(21) PCT/JP2004/004857

(22) 2 Apr/avr 2004 (02.04.2004)

(25) ja (26) ja

(30) 2003-101236 4 Apr/avr 2003 JP
(04.04.2003)

(30) 2003-101237 4 Apr/avr 2003 JP
(04.04.2003)

(30) 2003-101238 4 Apr/avr 2003 JP
(04.04.2003)

(30) 2003-417551 16 Dec/déc 2003 JP
(16.12.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AUDIO/VIDEO RECORDING AP-
PARATUS, RECORDING METHOD,
PLAYBACK APPARATUS, PLAYBACK
METHOD, PLAYBACK PROGRAM,
AND RECORDING PROGRAM

• APPAREIL D'ENREGISTREMENT
AUDIO/VIDEO, PROCEDE
D'ENREGISTREMENT, APPAREIL DE
LECTURE, PROCEDE DE LECTURE,
PROGRAMME DE LECTURE ET
PROGRAMME D'ENREGISTREMENT

(71) VICTOR COMPANY OF JAPAN, LIM-
ITED [JP/JP]; 12, Moriya-cho 3-chome,
Kanagawa-ku, Yokohama-shi, Kanagawa
221-8528 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FUCHIGAMI, Norihiko [JP/JP]HIG-
URASHI, Seiji [JP/JP]

(74) MIYOSHI, Hidekazu; 9th Floor, Tora-
nomon Daiichi Building, 2-3, Toranomon
1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04N 5/913

(11) WO 2004/091205 (13) A1

(21) PCT/IB2004/001059

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) PCT/IB03/01482 10 Apr/avr 2003 IB
(10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DATA RECORDING/REPRODUC-
ING DEVICE, DATA PROCESSING
METHOD AND PROGRAM

• DISPOSITIF D'ENREGISTREMENT
ET/OU DE LECTURE DE DONNEES,
PROCEDE ET PROGRAMME DE TRAI-
TEMENT DE DONNEES

(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) ENOMOTO, Yoshimi [JP/JP]; Philips
Bldg., 2-13-37 Kohnan, Minato-ku, Tokyo
108-8507 (JP).

(74) AOKI, Hiroyoshi; Philips Japan, Ltd.,
Philips Bldg., 2-13-37, Kohnan, Minato-ku,
Tokyo 108-8507 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04N 5/92, 5/782, G11B 20/12, 20/10

(11) WO 2004/091206 (13) A1

(21) PCT/JP2004/003553

(22) 17 Mar/mar 2004 (17.03.2004)

(25) ja (26) ja

(30) 2003-102353 4 Apr/avr 2003 JP
(04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • RECORDING APPARATUS AND
METHOD

• DISPOSITIF ET PROCEDE
D'ENREGISTREMENT

(71) SONY CORPORATION [JP/JP]; 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
1410001 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KOUZAI, Toshinori [JP/JP]; c/o
Sony Corporation, 7-35, Kitashinagawa
6-chome, Shinagawa-ku, Tokyo 1410001
(JP).

NIKATA, Kenji [JP/JP]; c/o Sony Cor-
poration, 7-35, Kitashinagawa 6-chome, Shi-
nagawa-ku, Tokyo 1410001 (JP). TAUCHI,
Yoichiro [JP/JP]; c/o Sony Corporation, 7-35,
Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 1410001 (JP). TESHIROGI, Hide-
hiko [JP/JP]; c/o Sony Corporation, 7-35,
Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 1410001 (JP).

(74) KOIKE, Akira et al. / etc.; 11th Floor, Yam-
ato Seimei Bldg., 1-7, Uchisaiwai-cho, Chiy-
oda-ku, Tokyo 1000011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04N 5/92, G11B 20/10, G06F 9/06, 11/00

(11) WO 2004/091207 (13) A1

(21) PCT/JP2004/004556

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-099069 2 Apr/avr 2003 JP
(02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DATA REPRODUCTION DEVICE,
VIDEO DISPLAY DEVICE AND SOFT-
WARE UPDATE SYSTEM AND SOFT-
WARE UPDATE METHOD WHICH USE
THEM

• DISPOSITIF DE REPRODUC-
TION DE DONNEES, DISPOSITIF

D'AFFICHAGE VIDEO ET SYSTEME DE MISE A JOUR DE LOGICIEL ET PROCEDE DE MISE A JOUR DE LOGICIEL FAISANT APPEL A CES DERNIERS

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SASABE, Toru

(74) FUKUSHIMA, Yoshito; Esaka Mitaka Bldg. 6F, 4-1, Hiroshiba-cho, Suita-shi, Osaka 5640052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/92

(11) WO 2004/091208 (13) A1

(21) PCT/JP2004/004997

(22) 7 Apr/avr 2004 (07.04.2004)

(25) ja (26) ja

(30) 2003-106399 10 Apr/avr 2003 JP (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • INFORMATION RECORDING MEDIUM, DEVICE AND METHOD FOR RECORDING INFORMATION IN INFORMATION RECORDING MEDIUM

• SUPPORT D'ENREGISTREMENT DE DONNEES, DISPOSITIF ET PROCEDE PERMETTANT D'ENREGISTRER DES DONNEES SUR UN TEL SUPPORT

(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) YAHATA, HiroshiYAGI, Tomotaka

(74) KAWAMIYA, Osamu 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/92

(11) WO 2004/091209 (13) A1

(21) PCT/JP2004/005003

(22) 7 Apr/avr 2004 (07.04.2004)

(25) ja (26) ja

(30) 2003-106399 10 Apr/avr 2003 JP (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • INFORMATION RECORDING MEDIUM, AND APPARATUS AND METHOD FOR RECORDING INFORMATION INTO INFORMATION RECORDING MEDIUM

• SUPPORT D'ENREGISTREMENT D'INFORMATIONS, ET APPAREIL ET PROCEDE D'ENREGISTREMENT D'INFORMATIONS DANS LE SUPPORT D'ENREGISTREMENT

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAHATA, HiroshiYAGI, Tomotaka

(74) KAWAMIYA, Osamu et al. / etc.; Aoyama & Partners IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5400001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/93, G11B 27/34

(11) WO 2004/091210 (13) A1

(21) PCT/JP2004/004895

(22) 5 Apr/avr 2004 (05.04.2004)

(25) ja (26) ja

(30) 2003-100015 3 Apr/avr 2003 JP (03.04.2003)

(30) 2004-034691 12 Feb/fév 2004 JP (12.02.2004)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MOVING PICTURE PROCESSING DEVICE, INFORMATION PROCESSING DEVICE, AND PROGRAM THEREOF

• DISPOSITIF DE TRAITEMENT D'IMAGES ANIMEES, DISPOSITIF DE TRAITEMENT D'INFORMATIONS ET PROGRAMME CORRESPONDANT

(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) SUZUKI, AkihikoHIRAGA, Kazuaki

(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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/08, 5/76, 5/44

(11) WO 2004/091211 (13) A1

(21) PCT/JP2004/004967

(22) 6 Apr/avr 2004 (06.04.2004)

(25) ja (26) ja

(30) 2003-103259 7 Apr/avr 2003 JP (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • TELEVISION BROADCAST SIGNAL RECEPTION DEVICE

• DISPOSITIF DE RECEPTION DE SIGNAUX DE TELEDIFFUSION

(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) OTA, Hideyuki [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) TSUNODA, Yoshisue et al. / etc.; Shinjuku Bldg., 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/10, 5/44, H04H 1/00

(11) WO 2004/091212 (13) A1

(21) PCT/JP2004/004652

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

- (30) 2003-100033 **3 Apr/avr 2003** JP
(03.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • RECEIVER APPARATUS, DISPLAY APPARATUS USING THE SAME, AND TELEVISION BROADCAST SYSTEM
• APPAREIL DE RECEPTION, APPAREIL D'AFFICHAGE COMPRENANT CE DERNIER ET SYSTEME DE DIFFUSION TELEVISUELLE
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOGA, Fumiaki
- (74) KOTANI, Etsuji et al. / etc.; Nichimen Building 2nd Floor, 2-2, Nakanoshima 2-chome, Kita-ku, Osaka-shi, Osaka 5300005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ H04N 7/14
- (11) WO 2004/091213 (13) A1
- (21) PCT/JP2003/004412
- (22) 7 Apr/avr 2003 (07.04.2003)
- (25) ja (26) ja
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COMMUNICATION CONTROL DEVICE, COMMUNICATION CONTROL METHOD, AND COMMUNICATION CONTROL PROGRAM
• DISPOSITIF, PROCÉDE ET PROGRAMME DE COMMANDE DE COMMUNICATION
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KITAMURA, Takuya [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, Kasumigascki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) JP US.
-
- (51)⁷ H04N 7/14, 7/15
- (11) WO 2004/091214 (13) A1
- (21) PCT/NO2004/000067
- (22) 12 Mar/mar 2004 (12.03.2004)
- (25) en (26) en
- (30) 20031567 **7 Apr/avr 2003** NO
(07.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • AN ARRANGEMENT AND METHOD FOR PERMITTING EYE CONTACT BETWEEN PARTICIPANTS IN A VIDEO-CONFERENCE
• AGENCEMENT ET PROCÉDE PERMETTANT LE CONTACT VISUEL ENTRE PARTICIPANTS D'UNE VISIO-CONFERENCE
- (71) TANDBERG TELECOM AS [NO/NO]; Philip Pedersens vei 22, N-1366 LYSAKER (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KJESBU, Snorre [NO/NO]; Hiltonåsen 88, N-1341 SLEPENDEN (NO). LUNDE, Finn Helge [NO/NO]; Humlestien 25, N-1387 ASKER (NO). MUREN, Petter [NO/NO]; Nesveien 9, N-1394 NESBRU (NO). MARTON, Trygve Frederik [NO/NO]; Hoff Terrasse 19, N-0275 OSLO (NO).
- (74) OSLO PATENTKONTOR AS; Postboks 7007M, N-0306 OSLO (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ H04N 7/16
- (11) WO 2004/091215 (13) A1
- (21) PCT/JP2004/004760
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) ja (26) ja
- (30) 2003-101250 **4 Apr/avr 2003** JP
(04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • DIGITAL CONTENT REPRODUCTION DEVICE AND DIGITAL CONTENT USE CONTROL METHOD
- DISPOSITIF DE LECTURE D'UN CONTENU NUMERIQUE ET PROCÉDE DE CONTROLE DE L'UTILISATION D'UN CONTENU NUMERIQUE
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OKAMOTO, Ryuichi KOBAYASHI, Susumu WALTER, Stefan TOKUDA, Katsumi
- (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) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04N 7/16, G11B 27/10, G06F 13/00, 15/00
- (11) WO 2004/091216 (13) A1
- (21) PCT/JP2004/004796
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) ja (26) ja
- (30) 10/406,217 **4 Apr/avr 2003** US
(04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • CONTENT RELATED INFORMATION PROVISION SYSTEM
• SYSTEME FOURNISSEUR D'INFORMATIONS AYANT TRAIT A UN CONTENU
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71) YAMAMICHI, Masami (heir of the deceased inventor / héritier de l'inventeur décédé)
(only for / seulement pour US)
- (72) YAMAMICHI, Masato (deceased / décédé).
- (72, 75) NONAKA, Masao OHMORI, Motoji YAMAMOTO, Masaya IKEDA, Wataru MINAMI, Masataka WATANABE, Kazuhisa SASO, Atsushi
- (74) NAKAJIMA, Shiro; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/173, 5/765, 5/00, G11B 27/36

(11) WO 2004/091217 (13) A1

(21) PCT/IB2004/050395

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 03101002.8 14 Apr/avr 2003 EP (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • RECORDING OF BROADCAST PROGRAMMES
• ENREGISTREMENT D'ÉMISSIONS TELEDIFFUSEES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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(72, 75) TOL, Ronald, M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
BLACQUIERE, Johannis, F., R. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GRAVENDEEL, Cornelis; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04N 7/18

(11) WO 2004/091218 (13) A1

(21) PCT/CA2004/000513

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 10/407,222 7 Apr/avr 2003 US (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • AUDIO/VISUAL INFORMATION DISSEMINATION SYSTEM
• SYSTEME DE DISSEMINATION D'INFORMATIONS AUDIOVISUELLES

(71, 72) PONIATOWSKI, Paul [CA/CA]; Suite 3005, 750 Bay Street, Toronto, Ontario M5G 1N6 (CA).

(74) CASSAN, Lynn, S.; Cassan MacLean, Suite 401, 80 Aberdeen Street, Ottawa, Ontario K1S 5R5 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/24, H04L 1/16

(11) WO 2004/091219 (13) A1

(21) PCT/IB2004/001026

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 0307947.2 5 Apr/avr 2003 GB (05.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • REPAIRING BROADCAST DROPOUT
• REPARATION D'INTERRUPTIONS BREVES DE DIFFUSION

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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(72, 75) WOOD, Karl, J. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).
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MORRIS, Octavius, J. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(74) WILLIAMSON, Paul, L.; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04N 7/24

(11) WO 2004/091220 (13) A1

(21) PCT/IB2004/001714

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 0304402 9 Apr/avr 2003 FR (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A METHOD AND DEVICE FOR PRE-PROCESSING REQUESTS RELATED TO A DIGITAL SIGNAL IN AN ARCHITECTURE OF CLIENT-SERVER TYPE
• PROCEDE ET DISPOSITIF DE PRE-TRAITEMENT DE REQUETES LIEES A UN SIGNAL NUMERIQUE DANS UNE ARCHITECTURE DU TYPE CLIENT-SERVEUR

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, 3-chome, Ohta-ku, Tokyo (JP).
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(72, 75) LE LEANNEC, Fabrice [FR/FR]; La Gaudais, F-35510 Cesson Sevigne (FR).
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(74) SANTARELLI; 14, Avenue de la Grande Armée, F-75017 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 60/460,517 4 Apr/avr 2003 UA (04.04.2003)

(30) 60/460,547 4 Apr/avr 2003 US (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • FIXED BIT RATE, INTRAFRAME COMPRESSION AND DECOMPRESSION OF VIDEO

• DEBIT BINAIRE FIXE, COMPRESSION ET DECOMPRESSION INTRATRAMES D'UNE IMAGE VIDEO

(71) AVID TECHNOLOGY, INC. [—/US]; Avid Technology Park, One Park West, Tewksbury, MA 01876 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) KOTTKE, Dane, P.; 16 Farwood Road, Windham, NH 03087 (US). CORNOG, Katherine, H.; 26 Chestnut Street, Newburyport, MA 01950 (US). RYNDERMAN, Michel; 245 Chestnut Hill Avenue, Brighton, MA 02135 (US).

(74) GORDON, Peter, J.; Avid Technology, Inc., One Park West, Tewksbury, MA 01876 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/32

(11) WO 2004/091222 (13) A1

(21) PCT/KR2004/000821

(22) 8 Apr/avr 2004 (08.04.2004)

(25) ko (26) en

(30) 10-2003-0022784 10 Apr/avr 2003 KR (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND APPARATUS FOR DETERMINING SEARCH RANGE FOR ADAPTIVE MOTION VECTOR FOR USE IN VIDEO ENCODER

• PROCEDE ET APPAREIL POUR LA DETERMINATION DE LIMITE DE RECHERCHE POUR VECTEUR DE MOUVEMENT ADAPTATIF DESTINE A ETRE UTILISE DANS UN CODEUR D'IMAGES

(71) SK TELECOM CO., LTD. [KR/KR]; 99, Seorin-dong, Jongro-gu, Seoul 110-110 (KR).
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(72, 75) HWANG, Inseong [KR/KR]; 10-807 Hyundai Apt., 1346, Seocho-dong, Seocho-gu, Seoul 137-070 (KR). KIM, Chulwoo [KR/KR]; 5-908, Jangmi APT., 7 (5/3) Sincheon-dong, Songpa-gu, Seoul 138-240 (KR). HONG, Mincheol [KR/KR]; 210-1301, Hyundai-2cha Apt., Dohwa 2-dong, Mapo-gu, Seoul 121-773 (KR). IN, Kyoungseok [KR/KR]; 101, 81-2 Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-010 (KR).

(74) LEE, Chulhee et al. / etc.; 14F, Hyundai Marine & Fire Insurance Bldg., 646 Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 9/68

(11) WO 2004/091223 (13) A1

(21) PCT/JP2004/005054

(22) 8 Apr/avr 2004 (08.04.2004)

(25) ja (26) ja

(30) 2003-104485 8 Apr/avr 2003 JP (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • IMAGING SYSTEM, IMAGE PROCESSING PROGRAM

• SYSTEME D'IMAGERIE, PROGRAMME DE TRAITEMENT D'IMAGES

(71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).
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(72, 75) TSURUOKA, Takao [JP/JP]; c/o Olympus Corporation, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).

(74) ITOH, Susumu; Musashi Bldg., 4-4, Nishishinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH

PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 17/00

(11) WO 2004/091224 (13) A1

(21) PCT/JP2004/005157

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 2003-106978 10 Apr/avr 2003 JP (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • IMAGING APPARATUS AND CALIBRATION METHOD THEREFOR

• APPAREIL D'IMAGERIE ET PROCEDE D'ETALONNAGE ASSOCIE

(71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OKAWA, Kaneyasu [JP/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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(30) 103 15 767.0 7 Apr/avr 2003 DE (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR TRANSMITTING DATA IN A RADIO COMMUNICATION NETWORK

• PROCEDE DE TRANSMISSION DE DONNEES DANS UN SYSTEME DE COMMUNICATION RADIO

(71) SIEMENS AKTIENGESSELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) FREY, Andreas [DE/DE]; Achalmstr.5, 73312 Geislingen (DE). MAYER, Jürgen [DE/DE]; Nelly Sachs Str. 60, 89134 Blaustein (DE). NEMETHOVA, Olivia [SK/SK]; Sustekova 15, 851 04 Bratislava (SK). WEHMEIER, Lars [DE/DE]; Borsigstr. 2, 10115 Berlin (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/20

(11) WO 2004/091226 (13) A1

(21) PCT/JP2004/003923

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-104093 8 Apr/avr 2003 JP (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MOBILE TERMINAL DEVICE
• DISPOSITIF DE TERMINAL MOBILE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006 Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
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(72, 75) OKI, KatsumiUENO, Tsuyoshi

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office 13th Floor, ARK Mori Building, 12-32 Akasaka 1-chome, Minato-ku, Tokyo, 1076013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/24

(11) WO 2004/091227 (13) A1

(21) PCT/KR2003/002699

(22) 10 Dec/déc 2003 (10.12.2003)

(25) ko (26) en

(30) 10-2003-0021734 7 Apr/avr 2003 KR (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND SYSTEM FOR CREATING/TRANSMITTING MULTIMEDIA CONTENTS

• PROCEDE ET SYSTEME POUR LA CREATION/TRANSMISSION DE CONTENU MULTIMEDIA

(71) SK TELECOM CO., LTD [KR/KR]; 99, Seorin-dong, Jongno-gu, 110-110 Seoul (KR). ENTOSYS [KR/KR]; 905, Oner Bencher Bldg., 1661-4, Bongcheon-dong, Gwanak-gu, 151-050 Seoul (KR).

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(72, 75) PARK, Keon-Hwa [KR/KR]; 724-104, Jugong Apt., Burim-dong, Gwacheon-si, 427-050 Gyeonggi-do (KR).

(74) NAM, Sang-Sun; 9th Fl., Maekyung Media Center, 30, 1-ga, Pil-dong, Jung-ku, 100-728 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/30, 7/36

(11) WO 2004/091228 (13) A1

(21) PCT/JP2004/003619

(22) 18 Mar/mar 2004 (18.03.2004)

(25) ja (26) ja

(30) 2003-100017 3 Apr/avr 2003 JP (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • RADIO BASE STATION RESOURCE ALLOCATION METHOD AND RADIO BASE STATION

• PROCEDE D'ATTRIBUTION DE RESOURCES DE STATION DE BASE RADIO ET STATION DE BASE RADIO

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISHII, HidenoriTAKAGI, Kenji-NAKANO, GoISHII, Chikara

(74) WASHIDA, Kimihito; 5th Floor, Shintoshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo, 2060034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) fr (26) fr

(30) 2003/0229 9 Apr/avr 2003 BE (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ARRANGEMENT COMPRISING A MOBILE TELEPHONE AND AN AUXILIARY MEMORY

• ENSEMBLE COMPRENANT UN TÉLÉPHONE MOBILE ET UNE MÉMOIRE AUXILIAIRE

(71, 72) VAN DIEVOET, Michael [BE/BE]; 18, avenue Charles Graux, B-1640 Rhode-Saint-Genese (BE). BLIECK, Edouard, Nicolas [BE/BE]; 16, avenue des Erables, B-1640 Rhode-Saint-Genese (BE).

(74) QUINTELIER, Claude et al. / etc.; Gevers & Vander Haeghen, Holidaystraat, 5, B-1831 Diagem (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/32, G06F 9/445

(11) WO 2004/091230 (13) A1

(21) PCT/EP2004/001172

(22) 9 Feb/fév 2004 (09.02.2004)

(25) de (26) de

(30) 03008109.5 7 Apr/avr 2003 EP (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DEVICE AND METHOD FOR RECONFIGURATION AND SIGNAL DETECTION OF DRIVER PROGRAMS AND CORRESPONDING HARDWARE CIRCUITS

• DISPOSITIF ET PROCEDE DE RECONFIGURATION ET DE DETECTION DE

SIGNAL DE PROGRAMMES PILOTES
ET DE CIRCUITS MATERIELS ASSO-
CIES

- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
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- (72, 75) **BITTERLICH, Jean-Yves** [DE/DE]; Kapellenfeldstr. 4, 81549 München (DE).
PASTEANU, Calinel [RO/DE]; Am Baderwinkel 7, 82205 Gilching (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 7/32, 7/38**
- (11) **WO 2004/091231** (13) A1
- (21) PCT/EP2004/003582
- (22) **5 Apr/avr 2004 (05.04.2004)**
- (25) en (26) en
- (30) 03008440.4 **11 Apr/avr 2003 (11.04.2003)** EP
- (30) 60/462,004 **11 Apr/avr 2003 (11.04.2003)** US
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **METHOD FOR SYNCHRONIZATION IN A MOBILE RADIO TERMINAL**
• **PROCEDE DE SYNCHRONISATION DANS UN TERMINAL RADIO MOBILE**
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-164 83 Stockholm (SE).
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- (72, 75) **PALENIUS, Torgny** [SE/SE]; Skepparevägen 37, S-246 57 Barsebäck (SE).
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WICHERT, Jan [SE/SE]; Kornettsgatan 5, S-211 50 Malmö (SE).
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- (74) **BYSTRÖM, Linus**; Ström & Gulliksson IPC AB, P.O. Box 793, S-220 07 Lund (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04Q 7/32**

- (11) **WO 2004/091232** (13) A2
- (21) PCT/IB2004/001042
- (22) **6 Apr/avr 2004 (06.04.2004)**
- (25) fr (26) fr
- (30) FR 03 04339 **8 Apr/avr 2003 (08.04.2003)** FR
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • **TELECOMMUNICATION METHOD AND SYSTEM**
• **PROCEDE ET SYSTEME DE TELECOMMUNICATION**

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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04Q 7/32, H05K 7/00, H04H 1/08**

- (11) **WO 2004/091233** (13) A1
- (21) PCT/SE2004/000569
- (22) **8 Apr/avr 2004 (08.04.2004)**
- (25) sv (26) en
- (30) 0301066-7 **9 Apr/avr 2003 (09.04.2003)** SE
- (43) 21 Oct/oct 2004 (21.10.2004)

(54) • **AN APPARATUS FOR SIGNAL RECEPTION**
• **APPAREIL POUR UNE RECEPTION DE SIGNAUX**

(71) **PERLOS AB** [SE/SE]; Ole Römers väg 16, S-223 70 Lund (SE).
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(72, 75) **BLOM, Carl, Gustaf** [SE/SE]; Kvarnberget 2, S-453 33 Lysekil (SE).

(74) **WALLENGREN, Yngvar et al.** / etc.; Patentbyrån Y Wallengren AB, Box 116, S-331 21 Värnamo (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04Q 7/34**

- (11) **WO 2004/091234** (13) A1
- (21) PCT/CN2004/000312
- (22) **5 Apr/avr 2004 (05.04.2004)**
- (25) zh (26) zh
- (30) 03109255.1 **7 Apr/avr 2003 (07.04.2003)** CN
- (43) 21 Oct/oct 2004 (21.10.2004)

(54) • **THE METHOD OF INTERIM OPERATION TO THE LOCATION INFORMATION REQUEST IN LOCATION SERVICE**
• **PROCEDE D'ACTIVATION INTERIMAIRE D'UNE DEMANDE D'INFORMATIONS DE LOCALISATION DANS UN SERVICE DE LOCALISATION**

(71) **HUAWEI TECHNOLOGIES, CO., LTD.** [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
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(72, 75) **DUAN, Xiaoqin** [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

(74) **DEQI INTELLECTUAL PROPERTY LAW CORPORATION**; 8 Fl., Golden Plaza, N0.10 Huayuan-donglu, Haidian District, Beijing 100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04Q 7/34

(11) WO 2004/091235 (13) A1

(21) PCT/CN2004/000313

(22) 5 Apr/avr 2004 (05.04.2004)

(25) zh (26) zh

(30) 03109249.7 7 Apr/avr 2003 CN
(07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • A METHOD OF LIMITING QUANTITY OF FLOW OF LOCATION INFORMATION REQUEST IN LOCATION SERVICE
- PROCEDE POUR LIMITER LA QUANTITE DE FLUX DE DEMANDES D'INFORMATIONS DE POSITION

(71) HUAWEI TECHNOLOGIES, CO., LTD. [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUAN, Xiaoqin [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

(74) DEQI INTELLECTUAL PROPERTY LAW CORPORATION; 8 Fl., Golder Plaza, No.10 Huayuan-donglu, Haidian District, Beijing 100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/FI2004/000215

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 03100979.8 11 Apr/avr 2003 EP
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • METHOD AND ARRANGEMENT OF TESTING DEVICE IN MOBILE STATION
- PROCEDE ET MOYEN PERMETTANT DE CONTROLER UN DISPOSITIF DANS UNE STATION MOBILE

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FI-02150 Espoo (FI).
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(72, 75) KOIVUKANGAS, Tapio [FI/FI]; Kyytitie 11, FI-90310 Oulu (FI). LOUKUSA, Veikko [FI/FI]; Kivikkokankaantie 14, FI-90240 Oulu (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FI-00121 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ H04Q 7/36, 7/34

(11) WO 2004/091237 (13) A1

(21) PCT/EP2003/003853

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR DIMENSIONING A MOBILE TELECOMMUNICATIONS NETWORK

- PROCEDE DE DIMENSIONNEMENT D'UN RESEAU DE TELEPHONIE MOBILE

(71) TELECOM ITALIA S.P.A. [IT/IT]; Piazza degli Affari, 2, I-20123 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DE SANTIS, Emanuele [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT). MINERVA, Giuseppe [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT). SILIO, Emanuele [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT).

(74) GIANNESI, Pier, Giovanni et al. / etc.; Pirelli S.p.A., Viale Sarca 222, I-20126 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H04Q 7/36, H04B 7/26

(11) WO 2004/091238 (13) A1

(21) PCT/IB2004/050354

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 03110415.0 11 Apr/avr 2003 CN
(11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A METHOD AND APPARATUS FOR SUPPORTING P2P COMMUNICATION IN TDD CDMA COMMUNICATION SYSTEMS

- PROCEDE ET APPAREIL PERMETTANT LA COMPATIBILITE DE LA COMMUNICATION POSTE A POSTE DANS DES SYSTEMES DE COMMUNICATIONS DU TYPE ACCES MULTIPLES PAR DIFFERENCE DE CODE (AMDC) A DUPLEX A REPARTITION TEMPORELLE (DRT)

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o Van Der Veer, Johannes, L., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04Q 7/38

(11) WO 2004/091239 (13) A1

(21) PCT/CN2003/000253

(22) 9 Apr/avr 2003 (09.04.2003)

(25) zh (26) zh

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A METHOD FOR DATA TRANSMISSION MANAGE IN UE SWITCH PROCESS

• PROCEDE DE GESTION DE TRANSMISSION DE DONNEES DANS UN PROCESSUS DE COMMUTATION UE

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(74) CCPIT PATENT AND TRADEMARK LAW OFFICE; 8th Floor, Vantone New World Plaza, 2 Fuchengmenwai Street, Beijing 100037 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/38

(11) WO 2004/091240 (13) A1

(21) PCT/EP2004/003025

(22) 22 Mar/mar 2004 (22.03.2004)

(25) de (26) de

(30) 103 17 143.6 14 Apr/avr 2003 DE (14.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR THE TRANSMISSION OF LOCATION-RELATED SERVICE INFORMATION

• PROCEDE DE TRANSMISSION D'INFORMATIONS DE SERVICE RELATIVES A UN LIEU

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/38

(11) WO 2004/091241 (13) A1

(21) PCT/EP2004/003564

(22) 3 Apr/avr 2004 (03.04.2004)

(25) en (26) en

(30) 03008439.6 11 Apr/avr 2003 EP (11.04.2003)

(30) 60/462,005 11 Apr/avr 2003 US (11.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND APPARATUS FOR WIRELESS INTERSYSTEM HANDOVER

• PROCEDE ET DISPOSITIF DE TRANSFERT ENTRE SYSTEMES SANS FIL

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-164 83 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PALENIUS, Torgny [SE/SE]; Skepparevägen 37, S-246 57 Barsebäck (SE). HOKFELT, Johan [SE/SE]; Korsgatan 7 B,

S-223 53 Lund (SE). ÖSTBERG, Christer [SE/SE]; Björkvägen 8, S-245 55 Staffanstorps (SE). WICHERT, Jan [SE/SE]; Kornettsgatan 5, S-211 50 Malmö (SE). NILSSON, Mikael [SE/SE]; Sommarlovsvägen 6, S-224 67 Lund (SE). EWALD, Richard [SE/SE]; Lagerbrings Väg 7 B, S-224 60 Lund (SE). OLOFSSON, Patrik [SE/SE]; Hölländarevägen 20, S-236 34 Höllviken (SE). PALM, Håkan [SE/SE]; Flygelvägen 101, S-224 72 Lund (SE).

(74) NILSSON, Jan; Ström & Gulliksson IPC AB, P.O. Box 793, S-220 07 Lund (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/38

(11) WO 2004/091242 (13) A1

(21) PCT/EP2004/003803

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 103 16 063.9 8 Apr/avr 2003 DE (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • SYSTEM FOR MOBILE RADIO COMMUNICATION WITH AT LEAST ONE SUBSCRIBER AREA LOCATED IN AN OVERALL AREA

• SYSTEME DE COMMUNICATION CONÇU POUR LA TELEPHONIE MOBILE, COMPRENANT AU MOINS UNE ZONE ABONNE SE TROUVANT DANS UNE ZONE TOTALE

(71) 02(GERMANY) GMBH & CO. OHG [DE/DE]; Georg-Brauchle-Ring 23-25, 80992 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHWEIGER, Tobias [DE/DE]; Garching Strasse 28, 80805 München (DE). MACARRO, Agustin [ES/DE]; Auenstrasse 104, 80469 München (DE). WAITE, Gary [GB/GB]; 43 Fawkner Way, Faringdon, Oxfordshire SN7 8FF (GB).

(74) LORENZ SEIDLER GOSSEL Dipl.-Ing. Hans K. Gossel et al. / etc.; Widenmayerstrasse 23, 80538 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(u) for / pour US only / seulement

(51)⁷ H04Q 7/38

(11) WO 2004/091243 (13) A1

(21) PCT/IB2004/001084

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 10/409,280 8 Apr/avr 2003 US (08.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • INTEGRATED WIRELINE AND WIRELESS SERVICE WITH LOCATION-DEPENDENT CALL DELIVERY

- SERVICE SANS FIL ET FILAIRE INTEGRE A ACHEMINEMENT D'APPELS EN FONCTION DE L'EMPLACEMENT

(71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec H4S 2A9 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72) SYLVAIN, Dany; 6 rue de Bandol, Gatineau, Quebec J8T 6A6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04Q 7/38

(11) WO 2004/091244 (13) A1

(21) PCT/JP2003/004368

(22) 7 Apr/avr 2003 (07.04.2003)

(25) ja (26) ja

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DUAL MODE SYSTEM AND DUAL MODE RADIO TERMINAL

- SYSTEME A MODE DUAL ET TERMINAL RADIO A MODE DUAL

(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) SASAKI, Hiroshi [JP/DE]; c/o FUJITSU MICROELECTRONICS EUROPE

GmbH, Am Siebenstein 6-10, 63303 Dreieich-Buchschlag (DE). NAMATAME, Kenichi [JP/DE]; c/o FUJITSU MICROELECTRONICS EUROPE GmbH, Am Siebenstein 6-10, 63303 Dreieich-Buchschlag (DE).

(74) SAITO, Chimoto; Saito Patent Office, Koei-Palace 202, 14-10, Makuharihongo 1-chome, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/38

(11) WO 2004/091245 (13) A2

(21) PCT/JP2004/002308

(22) 26 Feb/fév 2004 (26.02.2004)

(25) en (26) en

(30) 0307585.0 2 Apr/avr 2003 GB (02.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • DYNAMIC RESOURCE ALLOCATION IN PACKET DATA TRANSFER

- ATTRIBUTION DE RESSOURCES DYNAMIQUE DANS UN TRANSFERT DE DONNEES PAR PAQUETS

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COOPER, David Edward

(74) WASHIDA, Kimihito; 5th Floor, Shintoshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo, 2060034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/38

(11) WO 2004/091246 (13) A1

(21) PCT/SE2003/000594

(22) 11 Apr/avr 2003 (11.04.2003)

(25) en (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • MULTI-ACCESS CALL SETUP

- ETABLISSEMENT DE COMMUNICATIONS A ACCES MULTIPLES

(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) LUNDSDJÖ, Johan [SE/SE]; Lundagårdsvägen 41, S-163 51 Spånga (SE). ESPINEIRA, Ramon [SE/SE]; Ivarsgårdsgatan 40, S-434 35 Kungsbacka (SE). BERGSTRÖM, Joakim [SE/SE]; Erik Dahlbergsgatan 28B, 5tr., S-115 32 Stockholm (SE). LARSSON, Peter [SE/SE]; Ballonggatan 2, 1tr, S-169 71 Solna (SE).

(74) AROS PATENT AB; P.O. Box 1544, SE-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) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04Q 9/00

(11) WO 2004/091247 (13) A1

(21) PCT/JP2004/003050

(22) 9 Mar/mar 2004 (09.03.2004)

(25) ja (26) ja

(30) 2003-095100 31 Mar/mar 2003 JP (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • CONTROL APPARATUS, COMMUNICATION APPARATUS FOR CONTROL, RELAY APPARATUS, CONTROL SYSTEM, CONTROL METHOD, CONTROL PROGRAM FOR REALIZING THAT CONTROL METHOD, AND COMPUTER READABLE RECORDING MEDIUM IN WHICH THAT PROGRAM HAS BEEN RECORDED

- APPAREIL DE COMMANDE, APPAREIL DE COMMUNICATION, RELAIS, SYSTEME ET PROCEDE DE COMMANDE ET PROGRAMME DE COMMANDE POUR REALISER CE PROCEDE, ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR DANS LEQUEL LE PROGRAMME A ETE ENREGISTRE

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 5458522 (JP).

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(72, 75) NIWAMOTO, Hiroaki [JP/JP]; 972-10-101, Horen-cho, Nara-shi, Nara 6308113 (JP). OZAWA, Yasuo [JP/JP]; 254, Akebono-ryo, 2613-1, Ichinomoto-cho, Tenri-shi, Nara 6320004 (JP). SHIRAISHI, Yumi [JP/JP]; 216, Raporu Tenri, 2613-1, Ichinomoto-cho, Tenri-shi, Nara 6320004 (JP). KESHI, Ikuro [JP/JP]; 4-9-24, Jingu, Nara-shi, Nara 6310804 (JP).

(74) FUKAMI, Hisao et al. / etc.; Fukami Patent Office, Mitsui Sumitomo Bank Minami-morimachi Bldg., 1-29, Minamimorimachi 2-chome, Kita-ku, Osaka-shi, Osaka 5300054 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 07/20, G06F 15/16

(11) WO 2004/091248 (13) A1

(21) PCT/AU2004/000476

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 2003903125 10 Apr/avr 2003 AU (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD AND SYSTEM FOR MOBILE CALORIE COUNT

• PROCEDE ET SYSTEME DE COMP-TAGE DE CALORIES PAR DISPOSITIF MOBILE

(71) MICKLESS PTY LTD [AU/AU]; 49 Stanley Avenue, Mount Waverley, Victoria 3149 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARGARITIS, James [AU/AU]; Apartment 1407, 80 Clarendon Street, Southbank, Victoria 3006 (AU).

(74) PHILLIPS ORMONDE & FITZ-PATRICK; 367 Collins Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 11/00, H04L 5/00, H04J 1/00, H04L 12/42

(11) WO 2004/091249 (13) A1

(21) PCT/SE2004/000525

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/461,407 10 Apr/avr 2003 US (10.04.2003)

(30) 0301063-4 10 Apr/avr 2003 SE (10.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A METHOD IN A TRANSCIEVER FOR ALLOCATING TRANSMISSION CAPACITY BETWEEN THE TWO DIRECTIONS OF TRANSMISSION IN WIRE LINE DATA COMMUNICATION

• PROCEDE MIS EN OEUVRE DANS UN EMETTEUR-RECEPTEUR POUR ALLOUER UNE CAPACITE DE TRANSMISSION DANS LES DEUX SENS DE TRANSMISSION LORS DE LA COMMUNICATION DE DONNEES SUR LIGNES METALLIQUES

(71) UPZIDE LABS AB [SE/SE]; Aurorum 2, S-977 75 Luleå (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISAKSSON, Mikael [SE/SE]; Borgmästarevägen 7, S-973 42 Luleå (SE).

(74) DR LUDWIG BRANN PATENTBYRÅ AB; Maria Skolgata 83, Box 171 92, S-104 62 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 11/04, H04M 3/22

(11) WO 2004/091250 (13) A1

(21) PCT/EP2003/050098

(22) 9 Apr/avr 2003 (09.04.2003)

(25) en (26) en

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • LAWFUL INTERCEPTION OF MULTIMEDIA CALLS

• INTERCEPTION LICITE D'APPELS MULTIMEDIA

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-164 83 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAIHO, Keijo [FI/FI]; Metsätörmantie 2 G 20, FIN-02430 Masala (FI). VALASSI, Paolo [IT/IT]; Ericsson Telecomunicazioni SpA, Vimodrone/TEI/HD, Via Anagnina 203, CP 4235, I-00100 Roma Appio (IT).

(74) LIND, Robert et al. / etc.; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford, Oxfordshire OX4 2RU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04R 1/06, G06F 1/16, 3/16

(11) WO 2004/091251 (13) A1

(21) PCT/JP2003/004401

(22) 7 Apr/avr 2003 (07.04.2003)

(25) ja (26) ja

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ELECTRONIC APPARATUS AND AUDIO SIGNAL OUTPUTTING METHOD OF ELECTRONIC APPARATUS

• APPAREIL ELECTRONIQUE ET PROCEDE D'EMISSION DE SIGNAL AUDIO POUR APPAREIL ELECTRONIQUE

(71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

(72) KOKUBO, Shinji; B-644, Kureare-Toshiba-Ome, 2031-1, Shimmachi 9-chome, Ome-shi, Tokyo 198-0024 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP.

(84) EP (DE FR GB).

(51)⁷ H04R 1/10

(11) WO 2004/091252 (13) A1

(21) PCT/KR2004/000818

(22) 8 Apr/avr 2004 (08.04.2004)

(25) ko (26) en

(30) 10-2003-0022213 9 Apr/avr 2003 KR (09.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • BACK SOUND REDUCTION TYPE HEADPHONE

• ECOUTEUR A REDUCTION DE BRUIT DE FOND

(71) MM GEAR CO. LTD. [KR/KR]; 2FL., Hyeonjin Bldg. 90 Cheongdam2-dong, Gangnam-gu, 135-102 Seoul (KR).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **KIM, Sung-II** [KR/KR]; 124-1902 Parktown 54 Sunae-dong, Bundang-gu, 463-729 Seongnam-city, Kyungki-do (KR).
- (74) **LEE, Young-Pil**; The Cheonghwa Bldg., 1571-18 Seocho-dong, Seocho-gu, Seoul 137-874 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04R 1/10**
- (11) **WO 2004/091253** (13) A1
- (21) PCT/KR2004/000819
- (22) **8 Apr/avr 2004 (08.04.2004)**
- (25) ko (26) en
- (30) 10-2003-0022211 **9 Apr/avr 2003** KR (09.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SOUND WAVE OPENING AND SHUTTING TYPE CASE OF HEADPHONE
- BOITIER DE CASQUE D'ECOUTE DU TYPE A OUVERTURE ET FERMETURE A ONDE SONORE
- (71) **MM GEAR CO. LTD.** [KR/KR]; 2FL., Hyeonjin Bldg. 90 Cheongdam2-dong, Gangnam-gu, 135-102 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIM, Sung-II** [KR/KR]; 124-1902 Parktown 54 Sunae-dong, Bundang-gu, 463-729 Seongnam-city, Kyungki-do (KR).
- (74) **LEE, Young-Pil**; The Cheonghwa Bldg., 1571-18 Seocho-dong, Seocho-gu, Seoul 137-874 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04R 17/00**
- (11) **WO 2004/091255** (13) A1
- (21) PCT/JP2004/004777
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) ja (26) ja
- (30) 2003-098216 **1 Apr/avr 2003** JP (01.04.2003)
- (30) 2003-098217 **1 Apr/avr 2003** JP (01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ULTRASONIC VIBRATOR AND ITS MANUFACTURING METHOD
- VIBRATEUR ULTRASONORE ET SON PROCEDE DE FABRICATION
- (71) **OLYMPUS CORPORATION** [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAWADA, Yukihiko** [JP/JP]; c/o Olympus Corporation, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).
- (74) **ITO, Susumu**; Musashi Bldg., 4-4, Nishishinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04S 1/00**
- (11) **WO 2004/091257** (13) A1
- (21) PCT/IB2004/050384
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) en (26) en
- (30) 03100981.4 **11 Apr/avr 2003** EP (11.04.2003)
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04R 19/04, 3/00**
- (11) **WO 2004/091256** (13) A1
- (21) PCT/KR2003/001136
- (22) **10 Jun/juin 2003 (10.06.2003)**
- (25) ko (26) en
- (30) 10-2003-0023088 **11 Apr/avr 2003** KR (11.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • FIELD EFFECT TRANSISTOR FOR CONDENSER MICROPHONE HAVING IMPROVED RESISTANCE TO ELECTROSTATIC DISCHARGE
- TRANSISTOR A EFFET DE CHAMP POUR MICROPHONE A CONDENSATEUR PRESENTANT UNE RESISTANCE ACCRUE AUX DECHARGES ELECTROSTATIQUES
- (71) **BSE CO., LTD.** [KR/KR]; 869-3, Jakjeon 1-dong, Gyeyang-gu, Incheon 407-820 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SONG, Chung-Dam** [KR/KR]; 236-6, Gayang 1-dong, Gangseo-gu, Seoul 157-801 (KR). **CHO, Keum-Haeng** [KR/KR]; 1-208, Bucheon Keukdong Apt., 566-1, Simgokbon-dong, Sosa-gu, Bucheon-si, Kyunggi-do 422-823 (KR).
- (74) **GAM, Dong-Hoon** et al. / etc.; No.201, New Seoul Building, 828-8, Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04S 1/00**
- (11) **WO 2004/091257** (13) A1
- (21) PCT/IB2004/050384
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) en (26) en
- (30) 03100981.4 **11 Apr/avr 2003** EP (11.04.2003)

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • SYSTEM COMPRISING SOUND RE-PRODUCTION MEANS AND EAR MICROPHONES
• SYSTEME COMPORTANT DES MOYENS DE REPRODUCTION SONORE ET DES MICROPHONES D'OREILLE
- (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) AARTS, Ronaldus, M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SCHOBEN, Daniel, W., E. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) GROENENDAAL, Antonius, W., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (51)⁷ H05B
- (11) WO 2004/091258 (13) A2
- (21) PCT/US2004/010407
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 60/460,381 4 Apr/avr 2003 (04.04.2003) US
- (30) 60/460,336 4 Apr/avr 2003 (04.04.2003) US
- (30) 10/817,768 2 Apr/avr 2004 (02.04.2004) US
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • HIGH FREQUENCY ELECTRONIC BALLAST WITH SINE WAVE OSCILLATOR
- BALLAST ELECTRONIQUE HAUTE FREQUENCE AVEC OSCILLATEUR SINUSOIDAL
- (71) TRANSWORLD LIGHTING, INC. [US/US]; 893 U.S. Highway 70 West, Suite 202, Garner, NC 27529 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CRANDALL, Earl, F. [US/US]; 629 Jordan Ridge Lane, Raleigh, NC 27603-7320 (US). SMALLWOOD, Robert, C., Sr. [US/US]; 92-1205-5 Olani Street, Kapolei, HI 96707 (US). CRANDALL, Robert, G. [US/US]; 161 South Gray Street, Manchester, NH 03103 (US).
- (74) LABARRE, James, A. et al. / etc.; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations
- (51)⁷ H05B
- (11) WO 2004/091259 (13) A2
- (21) PCT/US2004/010408
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 60/460,380 4 Apr/avr 2003 (04.04.2003) US
- (30) 10/817,708 2 Apr/avr 2004 (02.04.2004) US
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • MULTI-PHASE GAS DISCHARGE LAMPS
• LAMPES A DECHARGE GAZEUSE A PLUSIEURS PHASES
- (71) TRANSWORLD LIGHTING, INC. [US/US]; 893 U.S. Highway 70 West, Suite 202, Garner, NC 27529 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CRANDALL, Earl, F. [US/US]; 629 Jordan Ridge Lane, Raleigh, NC 27603-7320 (US).
- (74) LABARRE, James, A. et al. / etc.; Burns, Doane, Swecker & Mathis, LLP, PO Box 1404, Alexandria, VA 22313-1404 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (t) for all designations / pour toutes les désignations
- (51)⁷ H05B 6/54, 11/00, F24C 7/02, 7/06
- (11) WO 2004/091260 (13) A1
- (21) PCT/JP2004/004851
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) ja (26) ja
- (30) 2003-099080 2 Apr/avr 2003 (02.04.2003) JP
- (30) 2003-272336 9 Jul/juil 2003 (09.07.2003) JP
- (30) 2003-272334 9 Jul/juil 2003 (09.07.2003) JP
- (30) 2003-272335 9 Jul/juil 2003 (09.07.2003) JP

- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • HIGH FREQUENCY HEATING DEVICE
• DISPOSITIF DE CHAUFFAGE HAUTE FREQUENCE
- (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) TAKIZAKI, TakeshiNOBUE, TomotakaYASUI, KenjiSAKAMOTO, KazuhoMIHARA, MakotoMATSUDA, Masato
- (74) OGURI, Shohei et al. / etc.; Eikoh Patent Office 13th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H05B 33/12, 33/22, H01L 51/52
(11) WO 2004/091261 (13) A1
(21) PCT/IB2004/050402
(22) 6 Apr/avr 2004 (06.04.2004)
(25) en (26) en
(30) 03100938.4 8 Apr/avr 2003 EP (08.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • TWO SIDED LIGHT EMITTING DEVICE
• DISPOSITIF ELECTROLUMINESCENT A DEUX COTES
- (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) LEURS, Jeroom, F., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) TOL, Arie, J., W.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H05B 41/292
(11) WO 2004/091263 (13) A1
(21) PCT/JP2004/004745
(22) 31 Mar/mar 2004 (31.03.2004)
(25) en (26) en
(30) 2003-098014 1 Apr/avr 2003 JP (01.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • LIGHTING APPARATUS OF HIGH INTENSITY DISCHARGE LAMP
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)⁷ H05B 33/22, 33/14
(11) WO 2004/091262 (13) A1
(21) PCT/JP2003/004225
(22) 2 Apr/avr 2003 (02.04.2003)
(25) ja (26) ja
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • ORGANIC ELECTROLUMINESCENCE ELEMENT AND ORGANIC ELECTROLUMINESCENCE DISPLAY
• ELEMENT ELECTROLUMINESCENT ORGANIQUE ET AFFICHAGE ELECTROLUMINESCENT ORGANIQUE
- (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) ITAI, Yuichiro [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H05H
(11) WO 2004/091264 (13) A2
(21) PCT/EP2004/003796
(22) 8 Apr/avr 2004 (08.04.2004)
(25) de (26) de
(30) 103 17 027.8 11 Apr/avr 2003 DE (11.04.2003)
(43) 21 Oct/oct 2004 (21.10.2004)
- (54) • HIGH FREQUENCY PLASMA JET SOURCE AND METHOD FOR IRRADIATING A SURFACE
• SOURCE DE FAISCEAU PLASMA HAUTE FREQUENCE ET PROCEDURE D'EXPOSITION D'UNE SURFACE A UN RAYONNEMENT
- (71) LEYBOLD OPTICS GMBH [DE/DE]; Siemensstrasse 86, 63755 Alzenau (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BECKMANN, Rudolf [DE/DE]; Am Katzengraben 35, 63546 Hammersbach (DE).
- (74) POHLMANN, Bernd, Michael; Reinhardt & Pohlmann Partnerschaft, Günthersburgallee 40, 60316 Frankfurt am Main (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL
- APPAREIL D'ECLAIRAGE POUR UNE LAMPE A DECHARGE HAUTE INTENSITE
- (71) MATSUSHITA ELECTRIC WORKS LTD. [JP/JP]; 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOMATSU, Naoki, [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). MISHIMA, Masanori, [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). MAEHARA, Minoru, [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). NAGATA, Satoru, [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP).
- (74) ITAYA, Yasuo; Tokushima Bldg. 7F, 9-10, Minamisemba 3-chome, Chuo-ku, Osaka-shi, Osaka, 5420081 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H05K

- (11) WO 2004/091265 (13) A2
(21) PCT/US2004/010166
(22) 2 Apr/avr 2004 (02.04.2004)
(25) en (26) en
(30) 10/249,380 3 Apr/avr 2003 US
(03.04.2003)

- (43) 21 Oct/oct 2004 (21.10.2004)
(54) • STABILIZED CABINET ENCLOSURE
AND STABILIZER THEREFOR
• ENCEINTE D'ARMOIRE STABILISEE
ET STABILISATEUR A CET EFFET
(71) GREAT LAKES CASE & CABINET CO.,
INC. [US/US]; P.O.Box 551, Edinboro, PA
16412 (US).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) SANTUCCI, William, S. [US/US]; 237
Walnut Street, Edinboro, PA 16412 (US).
STRAUS, Albert, E. [US/US]; 2133 Pine
Valley Drive, Timonium, MD 21093 (US).

- (74) WOODARD, Jon, L. et al. / etc.; McDon-
ald, Illig, Jones and Britton LLP, 100 State
Street - Suite 700, Erie, PA 16507-1459 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL

PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H05K 1/18, 1/03, 3/12

- (11) WO 2004/091266 (13) A1
(21) PCT/JP2004/004756
(22) 1 Apr/avr 2004 (01.04.2004)
(25) ja (26) ja
(30) 2003-099084 2 Apr/avr 2003 JP
(02.04.2003)

- (43) 21 Oct/oct 2004 (21.10.2004)
(54) • CIRCUIT BOARD AND PROCESS FOR
PRODUCING THE SAME

- CARTE DE CIRCUIT IMPRIME ET
PROCEDE PERMETTANT DE PRO-
DUIRE CETTE CARTE

- (71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NISHIKAWA, Kazuhiro

- (74) IWAHASHI, Fumio et al. / etc.; c/o Mat-
sushita Electric Industrial Co., Ltd., 1006,
Oaza Kadoma, Kadoma-shi, Osaka 5718501
(JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H05K 3/28

- (11) WO 2004/091267 (13) A1
(21) PCT/SG2004/000091
(22) 12 Apr/avr 2004 (12.04.2004)
(25) en (26) en
(30) 10/412,731 11 Apr/avr 2003 US
(11.04.2003)
(30) 10/820,011 8 Apr/avr 2004 US
(08.04.2004)

- (43) 21 Oct/oct 2004 (21.10.2004)

- (54) • METHOD FOR PACKAGING SMALL
SIZE MEMORY CARDS

- PROCEDE POUR EMBALLER DES
CARTES MEMOIRE DE PETITE
TAILLE

- (71) FLEX-P INDUSTRIES SDN. BHD; No.
128-12-2, Menara UMNO, Jalan Macalister,
10400 Penang (MY).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) YEW, Chee, Kiang [SG/SG]; 22 Cedar-
wood Grove, Singapore 738376 (SG).
FONG, Piau [MY/MY]; 1D-04-03 Jalan
Batu Uban, 11700 Gelugor, Penang (MY).
CHUA, Keng, Siew, Matthew [MY/MY];
11A-6-4 Prsn. Mayang Pasir 8, 11950 Bayan
Baru, Penang (MY).

- (74) LAWRENCE Y D HO & ASSOCIATES
PTE LTD; 30 Bideford Road, #07-01
Thongsia Building, Singapore 229922 (SG).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H05K 3/46, H01L 23/12

- (11) WO 2004/091268 (13) A1
(21) PCT/JP2004/004977
(22) 6 Apr/avr 2004 (06.04.2004)
(25) ja (26) ja
(30) 2003-102773 7 Apr/avr 2003 JP
(07.04.2003)

- (43) 21 Oct/oct 2004 (21.10.2004)

- (54) • MULTILAYER PRINTED WIRING
BOARD

- PLAQUETTE DE CABLAGE IMPRI-
MEE MULTICOUCHE

- (71) IBIDEN CO., LTD. [JP/JP]; 1, Kandacho
2-chome, Ogaki-shi, Gifu 503-0917 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) KATO, Shinobu [JP/JP]; c/o Ividen Co.,
Ltd., 1, Kitakata 1-chome, Ibigawacho, Ibi-
gun, Gifu 501-0695 (JP).

- (74) TASHITA, Akihito et al. / etc.; 22-6, Sakae
1-chome, Naka-ku, Nagoya-shi, Aichi 460-
0008 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H05K 5/00

- (11) WO 2004/091269 (13) A2
(21) PCT/FR2004/000807
(22) 31 Mar/mar 2004 (31.03.2004)

(25) fr (26) fr
 (30) 03/03945 31 Mar/mar 2003 FR
 (31.03.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • METHOD FOR PRODUCTION OF (OPTO)ELECTRONIC HOUSINGS WITH A CERAMIC BASE FOR THERMAL REGULATION AND DISSIPATION BY MEANS OF A THERMOELECTRIC (PELTIER) EFFECT
 • PROCÉDE DE REALISATION DE BOITIERS (OPTO-) ELECTRONIQUES A FOND CERAMIQUE A REGULATION ET DISSIPATION THERMIQUE PAR EFFET THERMOELECTRIQUE (PELTIER)

(71) EGIDE S.A. (SOCIETE ANONYME) [FR/FR]; Parc d'Activités, 4 rue Edouard Branly de Pissaloup, F-78190 Trappes (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAEDER, Philippe [FR/FR]; 1 Faubourg Saint Pierre, F-84350 Courthézon (FR). LECOEUÛCHE, Jean-François [FR/FR]; Résidence Les Roziers-Entrée 1, F-84500 Bollène (FR). BABAËU, Olivier [FR/FR]; 155, rue des Bosquets - Résidence Les Pins, F-30133 Les Angles (FR).

(74) GAUCHERAND, Michel; Ixas Conseil, 15 Rue Emile Zola, F-69002 Lyon (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05K 5/06

(11) WO 2004/091270 (13) A1

(21) PCT/DE2004/000064

(22) 20 Jan/jan 2004 (20.01.2004)

(25) de (26) de

(30) 103 15 432.9 3 Apr/avr 2003 DE
 (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ARRAY FOR ELECTRICAL CONNECTION
 • DISPOSITIF DE CONNEXION ELECTRIQUE

(71) CONTI TEMIC MICROELECTRONIC GMBH [DE/DE]; Sieboldstrasse 19, 90411 Nürnberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BÜYÜKBAS, Turhan [TR/DE]; Elsnerstrasse 2, 90443 Nürnberg (DE). GUTH, Peter [DE/DE]; Bucher Strasse 9, 90419 Nürnberg (DE). GRAMANN, Matthias [DE/DE]; Leuzenberger Strasse 2, 91233 Neunkirchen a.S. (DE). SCHARRER, Klaus [DE/DE]; Mittelweg 12, 91224 Hohenstadt

(DE). BUHL, Joachim [DE/DE]; Austrasse 52, 90429 Nürnberg (DE). SCHUCH, Bernhard [DE/DE]; Schlossbergstrasse 15, 91616 Neusitz (DE). KLEIN, Dominik [DE/DE]; Bierweg 37, 90411 Nürnberg (DE). LIEBL, Tilo [DE/DE]; Im Bärenwinkel 11, 91217 Hersbruck (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05K 5/06

(11) WO 2004/091271 (13) A1

(21) PCT/SE2004/000530

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 0301007-1 7 Apr/avr 2003 SE
 (07.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • A WEATHER PROOF DOME TO ENVELOP OUTDOOR OBJECTS, USE OF SUCH A DOME AND A METHOD FOR PROTECTING OUTDOOR OBJECTS

• DOME A L'EPREUVE DES INTEMPERIES POUR ENVELOPPER DES OBJETS PLACES A L'EXTERIEUR, ET PROCÉDE POUR PROTEGER DES OBJETS PLACES A L'EXTERIEUR

(71) TRULSTECH INNOVATION AB [SE/SE]; Box 221, SALTSJÖBADEN, 133 02 (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NILSSON, Mats [SE/SE]; Box 221, SALTSJÖBADEN, 133 02 (SE).

(74) KARLSSON, Leif et al. / etc.; Groth & Co. KB, Box 6107, S-102 32 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ H05K 13/02

(11) WO 2004/091272 (13) A1

(21) PCT/JP2004/004731

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-100845 3 Apr/avr 2003 JP
 (03.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

(54) • ELECTRONIC CIRCUIT COMPONENT SUPPLYING DEVICE AND ELECTRONIC CIRCUIT COMPONENT MOUNTING MACHINE

• DISPOSITIF D'ADMINISTRATION DE COMPOSANTS DE CIRCUIT ELECTRONIQUE ET MACHINE DE MONTAGE DE COMPOSANTS DE CIRCUIT ELECTRONIQUE

(71) FUJI MACHINE MFG. CO. LTD. [JP/JP]; 19, Chausuyama, Yama-machi, Chiryu-shi, Aichi, 4728686 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KATSUMI, Hiroshi [JP/JP]; c/o Fuji Machine Mfg. Co., Ltd., 19, Chausuyama, Yama-machi, Chiryu-shi, Aichi, 4728686 (JP). ISHIKAWA, Takehisa [JP/JP]; c/o Fuji Machine Mfg. Co., Ltd., 19, Chausuyama, Yama-machi, Chiryu-shi, Aichi, 4728686 (JP).

(74) KANDO, Norikazu et al. / etc.; Kando Patent Office, Nagoya-Bldg. 5th Floor, 6-18, Meieki 4-chome, Nakamura-ku, Nagoya-shi, Aichi, 4500002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05K 13/02

(11) WO 2004/091273 (13) A1

(21) PCT/JP2004/004904

(22) 5 Apr/avr 2004 (05.04.2004)

(25) ja (26) ja

(30) 2003/101147 4 Apr/avr 2003 JP
 (04.04.2003)

(43) 21 Oct/oct 2004 (21.10.2004)

- (54) • TRAY PARTS FEEDER
• DISTRIBUTEUR DE PLATEAUX
- (71) FUJIMACHINE MFG. CO., LTD. [JP/JP]; 19, Chausuyama, Yamamachi, Chiryu-shi, Aichi 472-0006 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TERUI, Seiichi [JP/JP]; c/o Fuji Machine Mfg. Co., Ltd., 19, Chausuyama, Yamamachi, Chiryu-shi, Aichi 472-0006 (JP). ISHIKAWA, Takehisa [JP/JP]; c/o Fuji Machine Mfg. Co., Ltd., 19, Chausuyama, Yamamachi, Chiryu-shi, Aichi 472-0006 (JP).
- (74) KOBAYASHI, Osamu; Kawashima Bldg. 2nd Floor, 19-13, Kanayama-cho 1-chome, Atsuta-ku, Nagoya-shi, Aichi 456-0002 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H05K 13/04
- (11) WO 2004/091274 (13) A1
- (21) PCT/JP2004/004117
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) ja (26) ja
- (30) 2003-098065 1 Apr/avr 2003 JP
(01.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • COMPONENT-MOUNTING MACHINE

- MACHINE DE MONTAGE DE COMPOSANT
- (71) FUJIMACHINE MFG. CO. LTD. [JP/JP]; 19 Chausuyama, Yamamachi, Chiryu-shi, Aichi 4728686 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MURATSUCHI, Hiroaki [JP/JP]; FUJI MACHINE MFG. CO., LTD., 19 Chausuyama, Yamamachi, Chiryu-shi, Aichi 4728686 (JP). TASHIRO, Masayuki [JP/JP]; FUJI MACHINE MFG. CO., LTD., 19 Chausuyama, Yamamachi, Chiryu-shi, Aichi 4728686 (JP).
- (74) KAKO, Muneo; MIZUNO BUILDING 4TH FLOOR, 9-19, Kanayama 1-chome, Naka-ku, Nagoya, Aichi 4600022 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

- (51)⁷ H05K 13/04
- (11) WO 2004/091275 (13) A1
- (21) PCT/JP2004/004570
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) ja (26) ja
- (30) 2003-101769 4 Apr/avr 2003 JP
(04.04.2003)
- (43) 21 Oct/oct 2004 (21.10.2004)
- (54) • PARTS HOLDABILITY TESTING METHOD AND TESTING DEVICE
• PROCEDE D'ESSAI DE RECEPTION DE PIECES, ET DISPOSITIF D'ESSAI
- (71) FUJIMACHINE MFG. CO., LTD. [JP/JP]; 19, Chausuyama, Yama-machi, Chiryu-shi, Aichi 472-8686 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UENO, Yukio [JP/JP]; c/o Fuji Machine Mfg. Co., Ltd., 19, Chausuyama, Yama-machi, Chiryu-shi, Aichi 472-8686 (JP). IDO, Takehiro [JP/JP]; c/o Fuji Machine Mfg. Co., Ltd., 19, Chausuyama, Yama-machi, Chiryu-shi, Aichi 472-8686 (JP). FUJITA, Youji [JP/JP]; c/o Fuji Machine Mfg. Co., Ltd., 19, Chausuyama, Yama-machi, Chiryu-shi, Aichi 472-8686 (JP).
- (74) KANDO, Norikazu et al. / etc.; Kando Patent Office, Nagoya-Bldg. 5th Floor, 6-18, Meieki 4-chome, Nakamura-ku, Nagoya-shi, Aichi 450-0002 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).